

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO. R0003	3. EFFECTIVE DATE 09/10/03	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY US ARMY ENGINEER DISTRICT, AK CEPOA-CT-CM (DACA85) PO BOX 6898 ANCHORAGE, AK 99506-0898 TAMELA PERRY (907)753-5579	CODE J4P0000	7. ADMINISTERED BY (If other than Item 6)	CODE DACA85	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(X)	9A. AMENDMENT OF SOLICITATION NO. DACA85-03-B-0004	
		X	9B. DATED (SEE ITEM 11) 08/06/03	
			10A. MODIFICATION OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE 089C4	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 0 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)

PROJECT TITLE AND LOCATION: Platoon Battle Course, Yukon Training Area, Ft Wainwright, Alaska

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc). SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

BID OPENING DATE IS EXTENDED TO 22 SEP 2003, at 2:00 pm, local time, at the US Army Corps of Engineers, 2204 Third St, Elmendorf AFB, Alaska.

NOTICE TO OFFERORS: PLEASE MARK OUTSIDE OF ENVELOPE IN WHICH BID IS SUBMITTED TO SHOW AMENDMENTS RECEIVED. YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT ON THE REVERSE SIDE OF STANDARD FORM 1442.

IMPORTANT NOTE: Keep in mind that the base is still under tight security measures and access to non-DOD personnel is limited or restricted and requires extra time to process through the Boniface Gate

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF SIGNER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED

CONTINUATION SHEET

Amendment No. R0003

Page: 2

a. The following revised documents are substituted for the superseded documents. The identifier "AM #3" appears before and after new and revised material, except as noted below.

BID SCHEDULE

SECTION 00800 SPECIAL CONTRACT REQUIREMENTS (including attachment)

SECTION 01271 MEASUREMENT, PAYMENT, AND CONTRACT COST BREAKDOWN

NOTE: Revisions within the following documents do not contain the above referenced identifiers.

NONE

b. The following section (including submittal registers) is deleted.

NONE

c. The following section (including submittal registers) is added.

NONE

d. NOTICE TO BIDDERS: PLEASE MARK OUTSIDE OF ENVELOPE IN WHICH BID IS SUBMITTED TO SHOW AMENDMENTS RECEIVED. YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT ON THE REVERSE SIDE OF STANDARD FORM 1442.

SOLICITATION, OFFER, AND AWARD <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NUMBER	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	DACA85-03-B-0004	<input checked="" type="checkbox"/> SEALED BID (IFB) <input type="checkbox"/> NEGOTIATED (RFP)	08/06/03	
IMPORTANT - The "offer" section on the reverse must be fully completed by the offeror.				
4. CONTRACT NUMBER	5. REQUISITION/PURCHASE REQUEST NUMBER	6. PROJECT NUMBER		
7. ISSUED BY	CODE	8. ADDRESS OFFER TO		
US ARMY ENGINEER DISTRICT, ALASKA CEPOA-CT-CM (DACA85) PO BOX 6898 ELMENDORF AFB, AK 99506-6898	DACA85	SEE ITEM 7		
9. FOR INFORMATION CALL	A. NAME	B. TELEPHONE NUMBER (Include area code) (NO COLLECT CALLS)		
	TAMELA PERRY	(907)753-5579		

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying number, date):

NAICS: 237990

PROJECT TITLE/LOCATION: Platoon Battle Course, Yukon Training Area, Ft Wainwright, Alaska

COMPETITIVE 8(A) SET-ASIDE

DESCRIPTION OF WORK: **SEE ATTACHED**

Responders are advised that this requirement may be delayed, canceled, or revised at any time during the solicitation, selection, evaluation, negotiation, and/or final award process based on decisions related to DoD changes.

THIS SOLICITATION UTILIZES ELECTRONIC BID SETS (EBS) AND WILL BE AVAILABLE FOR DOWNLOADING THROUGH OUR WEBSITE AT NO CHARGE -- <https://ebs.poa.usace.army.mil/AdvertisedSolicitations.asp>

11. The Contractor shall begin performance within <u>10</u> calendar days and complete it within _____ calendar days after receiving	
<input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. This performance period is <input checked="" type="checkbox"/> mandatory, <input type="checkbox"/> negotiable. (See <u>REF SCR-1 52.211-10</u> .)	
12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.)	12B. CALENDAR DAYS
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	10
13. ADDITIONAL SOLICITATION REQUIREMENTS:	
A. Sealed offers in original and <u>1</u> copies to perform the work required are due at the place specified in Item 8 by <u>2:00 pm</u> (hour) local time <u>AM#3 ... -08-15 22 SEP 2003 ... AM#3</u> (date). If this is a sealed bid solicitation, offers will be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.	
B. An offer guarantee <input checked="" type="checkbox"/> is, <input type="checkbox"/> is not required.	
C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.	
D. Offers providing less than <u>60</u> calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.	

DACA85-03-B-0004 (YTA001)

Platoon Battle Course, Yukon Training Area, Ft Wainwright, A

PROJECT DESCRIPTION: THIS PROJECT WILL BE SET-ASIDE FOR QUALIFIED FIRMS IN THE SMALL BUSINESS ADMINISTRATION (SBA) SECTION 8(A) PROGRAM LOCATED IN REGION X (ALASKA, WASHINGTON, IDAHO AND OREGON). Construct a Multipurpose Training Range (MPTR) and an Infantry Platoon Battle Course (IPBC) in the Ft Wainwright Yukon Training Area. Primary facilities include all construction of the IPBC and MPTR within the perimeter of the range complex, including all of the various course roads, earth emplacements and berms, and all required appurtenances as defined on TC25-8. Additional primary facilities include an After Action Review (AAR)/Range Operations Facility, Vehicle Storage and Range Maintenance Facility (single bay), General Instruction/Warm-up Facility, Observation Tower, Arctic Dry Vault Latrines, Ammunition Breakdown Facility, and range power and data distribution systems. Supporting facilities include all construction outside the range perimeter, site clearance and grubbing, and site improvements. Additionally, supporting facilities work includes extending and improving Manchu Lake Trail from Transmitter Road to Manchu Road, thus providing the primary access to the training venue. This effort will include the development of approximately 1.4-miles of new road over existing Manchu Lake Trail and the construction of a new bridge across Moose Creek. This area is wetland and accordingly the trail is currently a submerged channel through tundra/woods. The effort will also include the improvement of the existing Manchu Lake Trail Road from the site of the new bridge to the intersection of Manchu Road, and the improvement of Manchu Road from said intersection through the project area to the end of the IPBC thereby supporting the all weather access of range maintenance vehicles. Responders are advised that the requirements may be delayed, cancelled or revised at any time during the solicitation, selection, evaluation, negotiation, and/or final award process based on decisions related to DoD changes and disposition of the Armed Services. **AWARD OF THIS PROJECT IS CONTINGENT UPON THE RECEIPT OF FUNDS AND APPROVAL OF REQUIRED NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DOCUMENTS.** THIS SOLICITATION WILL BE ISSUED USING ELECTRONIC BID SETS (EBS) AND PROVIDED ON OUR WEBSITE AT NO CHARGE.

<https://ebs.poa.usace.army.mil/AdvertisedSolicitations.asp> RANGE: \$10,000,000 - \$25,000,000 - NAICS: 237990 - COMPLETION: Work to be completed within 730 days after receipt of NTP.

OFFER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)


15. TELEPHONE NUMBER (Include area code)

16. REMITTANCE ADDRESS (Include only if different than Item 14)

CODE

FACILITY CODE

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal or greater than the minimum requirement stated in 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)

AMOUNTS 

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGEMENT OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NO.

DATE

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)

20B. SIGNATURE

20C. OFFER DATE

AWARD (To be completed by Government)

21. ITEMS ACCEPTED

22. AMOUNT

23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN
(4 copies unless otherwise specified)ITEM 

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO

☐ 10 U.S.C. 2304(c) ()☐ 41 U.S.C. 253(c) ()

26. ADMINISTERED BY

CODE

27. PAYMENT WILL BE MADE BY

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☐ 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return _____ copies to the issuing office.) Contractor agrees to furnish and deliver all items or perform all work requirements identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications incorporated by reference in or attached to this contract.

☐ 29. AWARD. (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.

30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN
(Type or print)

31A. NAME OF CONTRACTING OFFICER (Type or print)

30B. SIGNATURE

30C. DATE

31B. UNITED STATES OF AMERICA

31C. AWARD DATE

BY

PLATOON BATTLE COURSE

FORT WAINWRIGHT, ALASKA

Item No.	Description	Quantity	Unit	Unit Price	Amount
BASE ITEMS					
AM #3...0001.	Construct Platoon Battle Course to the 1.5 meter line, complete.	1	Lump sum	\$_____	\$_____...AM #3
0002.	Construct Multi-Purpose Training Range to The 1.5-meter line, complete.	1	Lump sum	\$_____	\$_____
0003.	Construct the After Action Review (AAR) Building to the 1.5- Meter line, complete.	1	Lump sum	\$_____	\$_____
0004.	Construct the Maintenance/ Vehicle facility to the 1.5-meter line, complete.	1	Lump sum	\$_____	\$_____
0005.	Construct the General Maintenance Control Facility to the 1.5-meter Line, complete.	1	Lump sum	\$_____	\$_____
0006.	Construct the Ammo Breakdown Building to the 1.5-meter line, complete.	1	Lump sum	\$_____	\$_____
AM #3...0007.	Construct latrines to the 1.5 meter line, complete.	2	Each	\$_____	\$_____
0008.	Construct all site work and utilities outside the 1.5-meter line, complete.	1	Lump sum	\$_____	\$_____...AM #3
Total of Items 0001 thru 0008				\$_____	

EVALUATION OF OFFERS.

1. AWARD: Award will be made to the low, responsive, responsible bidder.
2. INCOMPLETE OFFERS: Failure to submit an offer on all items in the schedule will result in an incomplete offer and the proposal will be rejected. Lump sum or unit prices must be shown for each item within the schedule.
3. EXTENSIONS: All extensions of the unit prices shown will be subject to verification by the Government. In case of variation between the unit price and the extension, the unit price will be considered to be the offer.

4. SPECIAL CONDITION: If a modification to a offer based on unit prices is submitted which provides for a lump sum adjustment to the total estimated cost, the application of the lump sum adjustment to each unit price in the proposal schedule must be stated. If it is not stated, the offeror agrees that the lump sum adjustment shall be applied on a pro rata basis to every unit price in the proposal schedule.

AM #3...-- End of Bid Schedule --...AM #3

40. Question: Sheet A-13 of the drawings details the door schedule. Door 101A details to be type "B" in the schedule. Please confirm this, as it appears that it should be type "G". In addition this door would typically be a rolling steel door not a sectional door, but there is not specification for a rolling door found. Please confirm the intention for this door.

Answer: The Mat Storage Building has a sectional overhead door type "G". There does not appear to be enough overhead room for the coil housing required for a rolling door.

41. Question: Is formliner going to be used in this project?

Answer: Formliner is contractor's option and is considered as a part of his/her means and methods for the work.

42. Question: Is all work being performed by 8(a) companies? Can they subcontract to non 8(a) companies? Is it going to be awarded to one company or broken up? If subcontracting with non 8(a) companies is allowable, do you have a list of 8(a) companies from the General Contractor's plan holder's list?

Answer: The work is not yet being performed as an award has not been made. Typically the Government does not play a part in the Prime Contractor's selection of subcontractors. Also, this is not a multiple-award solicitation. A list of plan holder's is available at the web site where documents are available for download (<http://www.poa.usace.army.mil>).

43. Question: Request a copy of list of site walk participants be provided?

Answer: This list was provided in Amendment # R00002.

44. Question: CLIN #s 0001, 0002, 0007, and 0008: Elements and boundaries of each line item not clearly defined.

Answer: See drawing LV02. Applicable element boundaries are shown on this sheet.

45. Question: 52.214-19(c) – does this mean government could issue multiple contracts by CLIN – if so would contractor be able to negotiate awarded CLIN to cover distributed mobilization and site management costs?

Answer: The government is not entertaining multiple contract awards of this project. Also, this project is an Invitation for Bid and it will not be negotiated.

46. Question: 52.214-19(c) – Can a contractor submit a bid for a combination of CLINs which does not include all solicitation CLINs?

Answer: **No. Reference Item #2 under the BID SCHEDULE (page BS-1).
“INCOMPLETE OFFERS: Failure to submit an offer on all items in the schedule will result in an incomplete offer and the proposal will be rejected....”**

47. Question: 52.246-12 Inspection of Work – is a Master Gunner inspection required and at what point will inspection be conducted on what features?

Answer: **In accordance with AR 210-21, a Construction Compliance Inspection (CCI) will be scheduled when construction is approximately 40-60 percent complete. The RTLP MCX, MACOM, installation and contractor representatives review includes all necessary inspections, evaluation of at least one position for each critical or mandatory feature, and resolution of any mandatory interface or standard design conformance discrepancies.**

48. Question: 01015-1.8 – Boundaries of Eielson AFB not defined – please delineate.

Answer: **Refer to Amendment 2, question #33.**

49. Question: 01015-1.8(c) – Is there any history of UXO in project area?

Answer: **UXO is not anticipated within the project areas.**

50. Question: 01015-1.9.1.2 Cover Material source – is this site an allowable borrow source for project site; are Geotechnical data for borrow available?

Answer: **This paragraph applies to the use of Ft Wainwright, which will not be used. Standard construction debris will be disposed of at the Fairbanks Northstar Borough at contractor's expense. Cleared trees, stumps, and saplings will be chipped and used for erosion control. If any earth spoil areas are determined to be required, their location within the Yukon Training Area will be determined by the COR.**

51. Question: 01015-1.20 Please identify known nesting locations within project area.

Answer: **There are currently no known nesting areas. Any nesting areas discovered during construction shall be addressed in accordance with specification 01015-1.20.**

52. Question: Is Moose Creek an anadromous fish stream and has USAED applied for appropriate ADNR permits?

Answer: **Moose Creek is an anadromous fish stream and the appropriate fish habitat permit has been obtained.**

53. Question: 01355-3.13 Will EOD awareness training be required of field labor?

Answer: **EOD will provide a UXO safety briefing to contractor personnel.**

54. Question: 01452-1.2 What are the qualifications of “special inspector?”

Answer: **The special inspector shall be qualified to perform those tasks indicated in part 3 of the specification.**

55. Question: 02112-1.2 Please define Level of effort for adequate screening. What is historic usage of winter camp? Did USARAK conduct DERA inventory of Winter Camp area and are background reports to be provided to bidders?

Answer: **The level of effort is stated in paragraph 3.3.3. Regarding the historic usage of Winter Camp, there is a possibility of soil contamination due to vehicle refueling. No DERA inventory has been conducted.**

56. Question: 02112-1.2.2 Please provide POC and location for access to USAED soil logs. Are these logs in addition to Dowl reference and those identified in Section 02300-1.5?

Answer: **Refer to Amendment 2.**

57. Question: 02231-3.2 Please clarify with regard to A/B/C/D clearing – should these percentages be not to exceed based on variations of forest density? Please clarify definition of Army’s expectations for Level A clearing as to remaining surface materials.

Answer: **See General notes 10 and 11 on drawing C30 for clarification on clearing.**

58. Question: 02231-3.3 Please provide Eielson Hydro-ax policy.

Answer: **There is no official Eielson Hydro-ax policy. Delete the sentence “To comply with Eielson Air Force Base hydro-ax policy, all clearing for the construction of the portions of Manchu Lake Trail and the extension of the power line along Manchu Road shall be by a hydro-ax with a drum type flail mower mounted on tracked equipment.”**

59. Question: 02231-3.4 Please clarify first sentence

Answer: **Refer to Amendment 2, question #31.**

60. Question: 02231-3.8 Borrow pit requirements are not attached. What are requirements?

Answer: **Refer to Amendment 2, question #29.**

61. Question: 02300 No discussion of best practices for areas of permafrost – are special guidelines to be provided?

Answer: Pages 77 and 78 in Volume 1 of Geotechnical Investigation dated May 2003 provides additional guidance for erosion control plan.

62. Question: 02300-1.2.1 Undefined term “assist” with regard to LOE for 404 permit application nor timeline for permit approval. What level of assistance is required? When will 404 permit be approved to allow construction to commence? What 404 permit terms and conditions for mitigative measures and restoration should be considered is preparing our construction estimate. What other permits will Corps expect contractor assistance in obtaining

Answer: The 404 permit has been obtained and contractor assistance is unnecessary. A copy of the permit is provided under Amendment 2.

63. Question: 02300-1.5 Please provide two volume subsurface data.

Answer: Refer to Amendment 2, question #1.

64. Question: 02300-1.7 Please provide location of designated disposal areas and any material limitations on materials that can be placed in disposal area.

Answer: Refer to question 50.

65. Question: 02300-3.2.1 Please define “thoroughly compacted.”

Answer: 90 percent laboratory maximum density.

66. Question: 02300-3.6.2 Please clarify with regard to work in areas of discontinuous permafrost.

Answer: See pages 64 thru 69 in Volume 1 of Geotechnical Investigation dated May 2003.

67. Question: 02300-3.13 see question #64 – open-ended undefined requirement.

Answer: See 404 permit that is provided under Amendment 2.

68. Question: 02370 & 02921 - is revegetation required on berms and excavation and disturbed areas within MPTR and IPBC? Access to emplacements can have severe impact on surface cover. What restoration or mitigative measures will Corps require?

Answer: Yes, revegetation is required. See Notes on Drawings C116 thru C124.

69. Question: 02456-3.2 Engineering design requirements for pile driving into permafrost not defined

Answer: See Foundation Notes on Drawing C28.

70. Question: 10430 & 10440 Location, number and text of signage not defined.

Answer: Location, numbers and text of signage shall be as directed by the Contracting Officer.

71. Question: C38 – C68 Many target berms scale out at a slope more than 3 to 1 as shown on C116-C124. Which governs, contours or 3 to 1 slope?

Answer: The 3 to 1 slope governs unless there is a specific reason for making it flatter.

72. Question: 13291 Is standard Romtech unit requested – current design is inadequate for year found operation in Central Alaska. Will site be used year round?

Answer: The range is intended for year round operation. If the point of the question is heat for the latrines, Electric Baseboard heaters are shown on Drawing M05.

73. Question: LV03 – Note #1 request Dowl site survey

Answer: The LIDAR data provided under Amendment 2 is the survey.

74. Question: LV03 – Note #4 request Ortho photo backgrounds

Answer: Refer to Amendment 2; documents provided with Amendment 2.

75. Question: C09 – assume no roadside revegetation required east of 2+430. Is this correct?

Answer: Yes, provided vegetated areas are not disturbed.

76. Question: IPBC – what are parameters/tolerances for moving features vertically and horizontally if “bad” ground is encountered?

Answer: A written notification of the changed condition must be submitted to the Government and approved by the Contracting Officer, in accordance with the contract clause 52.236-2, Differing Site Conditions.

77. Question: MPTR – what are parameters/tolerances for moving features vertically and horizontally if “bad” ground is encountered?

Answer: A written notification of the changed condition must be submitted to the Government and approved by the Contracting Officer, in accordance with the contract clause 52.236-2, Differing Site Conditions.

78. Question: 01015 1.10 (c)(2) & (i) – Upon initial review of building and emplacement foundations and base materials design it is not clear if Arctic Engineering “best practices” were adequately incorporated for a project area of discontinuous permafrost and extreme climatic variation. If Contractor constructs facility as designed what are the contractor’s liability under warranty provisions for any frost damage during the warranty period?

Answer: **None.**

79. Question: C28 - Stations for the Manchu Lake Trail Bridge appear on the plan and profile, as exceptions in the stationing on the typical sections and on sheet C28, Bridge Details. The stationing is different in each case. What is correct stationing?

Answer: **The stations shown on C08 are intended to be the abutments “Back of Backwall”. The stations on C28 are intended to be the centerline of the abutments. Notes and details on C28 and C29 require the contractor to field verify the dimensions.**

80. Question: The “end dump method” is not described any where on the plans or in the specs. The “end dump method” of road construction is specified for the first 2340 meters of this road. Our understanding of this method is it generally used in areas of permafrost where enough gravel and/or insulation is installed to keep the active layer frozen under the new road. In this design it appears that the active layer is expected to thaw in this installation. We would expect that it will thaw as the new road will not have a thick enough layer of gravel and no insulation is specified. We have concerns that this road will fail once the sub-grade thaws. Is this a correct interpretation of design analysis?

Answer: **The end dump here is onto geotextile fabric as shown in Typical Sections A and B on Drawing C01. Note these sections show anticipated settlements after end dumping.**

81. Question: Specifications contain specific language regarding not constructing embankment when the temperature is less than 2°C and protecting previous work when the temperature falls below freezing. There is also language regarding not placing embankment on frozen material or material which under goes the freeze/thaw cycle. This directly conflicts with the “end dump method” required under the typical sections. Please clarify.

Answer: **Refer to responses to questions 21 and 80.**

82. Question: C28, foundation note 6 requires that the first 2 meters of embedded “H” pile be cleaned, covered with wax or oil impregnated material and back-filled with NFS material. As the piles are assumed to have 17 meters of embedment, the NFS back fill is not needed. The wax-impregnated material doesn’t offer much frost jacking protection in any event. Note 4 addresses driving piles through permafrost. Even with a pilot hole, this would be difficult if not impossible. Should our estimate provide construction cost as designed?

Answer: Review pages 71 thru 74 in Volume 1 of the Geotechnical Investigation dated May 2003.

83. Question: C125, the typical sections for the Stryker Trail and moving target abutments give cut slopes of loess as 4V:1H. This slope is not obtainable in anything other than rock. Will this be clarified in geotechnical data?

Answer: On the “Typical cut in Loess Detail”, change the 9m vertical dimension to 6 meters. Review paragraph 8.1.4 on page 63 in Volume 1 of the Geotechnical Investigation dated May 2003. The note in the “Typical Cut in Loess Detail” should be revised to read: Cut in loess up to 3meter shall be 1:4. When depth exceeds 3 meters, the cut shall be benched as shown in this detail.”

84. Question: C119: MGB is set into ground approx 1 meter. Will MGB drainage be required?

Answer: Yes

85. Question: Fort Richardson IPBC Range project indicated the MGB is used for live fire. Is 2x4 construction YTA to be used in live fire exercises? What will be warranty requirement regarding repair replacement of said work

Answer: The contractor shall not be responsible for damages due to live-fire exercises.

86. Question: C120: Trench is set into ground about 0.8 meters. What trench drainage is required?

Answer: 100 mm drain per 3000 mm of trench; Corrugated Polyethylene Pipe; AASHTO M 252.

87. Question: C/A10: Section shows a metal ceiling panel. Typical detail on D/A14 shows GWB – please clarify

Answer: All the details on Sheet A10 apply only to the Ammo Breakdown Building on Sheet A10. Typical Details on Sheet A14 apply to the other buildings.

88. Question: 2300-3.8.2 Compaction to 95% for many areas appears excessive. 2300-3.11.1 requires one test per 100 sq meters (assuming per lift) seems excessive for targets founded on unclassified expected to move seasonally. Is this specification to be revisited?

Answer: For 2300- 3.11.1, the fill and backfill gradation is changed to one test per 400 cubic meters. For the in-place densities, the following are changed: Fills and backfills – one test per structure per 200 sq. m. For paragraphs 3.11.2c and 3.11.2d, there is no change.

89. Question: 2731-3.7 Aggregate Surface Course requires 100% compaction. Is this necessary given a gravel road expected to settle the first season?

Answer: Refer to response to question 27 in Amendment 0002.

90. Question: 3300-3.1.3 requires a 50mm layer of sand on top of slab vapor barrier. B/S01 does not indicate. What is correct design requirement?

Answer: The correct design requirement for the building slabs are concrete on insulation, on 50mm sand, on vapor barrier.

91. Question: 6100-2.1.3.2 indicates plywood to be treated. Is this to apply to the metal building? Treated wood in the metal buildings may provide a highly corrosive environment given the location and potential for condensation in harsh climates.

Answer: Do not use treated plywood.

92. Question: 7416 2.11.3 Where is a slip-sheet for vapor retarder to be used?

Answer: It was included just in case it is needed.

93. Question: 7416-2.7.1 indicates the polyiso insulation is to be used above steel roof deck. Drawings A14 show the plywood under the roof deck. What is correct?

Answer: The detail shows a metal deck with plywood and a SSMR on top. The spec should probably say metal deck instead of roof deck.

94. Question: 13120 It is unclear what other spec sections are intended to apply to the metal building given conflicting specs. A.} Roofing. Section 2.3.1 indicates the roofing is per 7416. 7416 2.1 indicates steel 0.7 mm thickness min. 130120 indicates 0.61 min thickness. B.} 7416-2.1.2 indicates Aluminum panels are allowed. 13120-2.3.3 indicates steel. C.} 7416-2.6 factory coat does not agree with 13120-2.3.4 D.} 7416-2.6.3 does not agree with 13120-2.3.4.3 E.} 7416-2.3.4.6 does not agree with 13120-2.3.4.6

Answer: Section 7416 takes precedence except the use of aluminum is not acceptable.

95. Question: 13120-2.4 indicates a wall liner at interior to be used. Plans A14 and others show GWB. Is a wall liner required?

Answer: Ammo Breakdown Building Sheet A10 uses wall liner panels. The mat storage building has wall liner panels. Just because the detail on sheet A14 says GWB, it does not relieve the contractor from reading the notes about each specific building.

96. Question: 13120-3.1.5.2 indicates polyiso insulation will be supported by plywood attached to the bottom of the purloins. This is not shown on Architectural drawings. What is correct?

Answer: The specification is correct.

97. Question: The power load center for the SIT will have insufficient clear space between the load center and the SIT target (NEC requires 3' min). Is this the design intent? Will USACE provide variance to allow licensed election to install outside of code?

Answer: **The SIT ITM (Stationary Infantry Target Infantry Target Mechanism) and any other target equipment should be removed from the emplacement, if the SIT load center must be examined, adjusted, serviced, or maintained while energized. NEC 110.26 (A) explains that the minimum clearances are not required if the equipment is such that it is not likely to require examination, adjustment, servicing, or maintenance while energized.**

98. Question: The Army representative (Sergeant Swallows) at site visit had two site drawings – one B&W one color – are these to be provided to bidders

Answer: **No.**

99. Question: Monitoring wells are located on both sides of Moose Creek bridge location. Are wells to be removed or left undisturbed? If removed, will contractor be required to remove and do closure? Well closures, depending on type, require reporting to ADNR and ADEC. If removed is contractor to file well closure report?

Answer: **Refer to Amendment 2, question #35.**

100. Question: Moose Creek at bridge location has three culverts in parallel to streambed. Are these to remain undisturbed?

Answer: **Any existing culverts shall remain undisturbed unless they interfere with the construction of the bridge and road.**

101. Question: Plan Sheet C-99 & C-80, Summary of quantities for the North Stryker Trail show Classified Base Course. We cannot find a specification for the Classified Base Course. Please provide specification.

Answer: **The Base Course is as described on page 65 of Volume 1 of the Geotechnical Investigation dated May 2003; it states: “ a well graded crushed aggregate free of muck, frozen material, organic materials, refuse or construction debris. Base course shall contain 100 percent by weight passing the 50-mm sieve, and not more than 65 percent by weight passing the No. 4 U.S. sieve, nor more than 6 percent by weight passing the No. 200 U.S. sieve.”**

102. Question: We cannot find any fracture specifications for the Classified Surface Course. Are we correct in assuming that the Classified Surface Course does not require crushing?

Answer: **The Classified Surface Course specifications are at section 02731a paragraph 2.1.3. Crushed aggregate is acceptable, but not required.**

103. Question: What will be the load limit on the Bridge that will go in place over Moose Creek? Plan Sheet C-28.

Answer: See Design data on Drawing C28; The MS -18 is equivalent to HS -20-44 loading.

104. Question: The bridge over Moose Creek on Transmitter road just past Cathers Lake has a 9-ton load limit. During the site visit we were told this bridge is being upgraded. What will be the load limit for the new bridge, and when will the bridge be complete?

Answer: Load limit will be 40 tons

105. Question: Are there any load restrictions for the project? Will there be seasonal load restrictions?

Answer: The restrictions are the same as those for state roads.

106. Question: Bid Schedule – Please define all bid items. Provide a detailed scope of work for each item. Item #1 Construct the platoon battle course? Please define what the platoon battle course consists of, (scope of work)? Item #2 Construct the Multi-Purpose Training Range? Please define what the Multi-Purpose Training Range consists of, (scope of work)? Item #7 What is the scope of work for this item?

Answer: Refer to revised bid schedule. The limits of each range are shown on sheet LV02. The scope of work is detailed in the contract specifications and drawings.

107. Question: 52.236.3, page 83: No Geotechnical information has been provided by the government including information on government supplied fill material. The site is basically inaccessible with the exception of one site visit. *Does the government supply fill material meet the requirements for this project?*

Answer: Refer to Amendment 2 for Geotechnical Reports. There is no Government provided fill material. Cather's Lake is the Government provide borrow source.

108. Question: Section 00800, page 12: Government furnished rail road cars. Contractor is required to accept delivery, pay any demurrage or detention charges and unload and transport the property to the job site at its own expense. *More information on these cars such as dimensions, weight, and quantity will be required in order to cover these costs.*

Answer: Reference SCR-9, this Special Contract Requirement has been revised and is included with this amendment.

109. Question: Section 00800, quantity surveys: Quantity surveys shall be conducted and the data derived from these surveys shall be used in computing the percentages of work performed and the actual work in place. *This will require cross sections to be performed at every pay estimate on excavations and fills and will be very costly.*

Answer: Comment noted.

110. Question: Section 1015, page 6: Land fill is only open from 8-4 Monday through Thursday and 8-3 on Fridays.

Answer: Comment noted.

111. Question: Section 1015, page 7: Any trees, shrubs or other vegetation that is to be disposed of in the land fill shall be chipped prior to disposal. This applies to anything less than 3". All trees with a base diameter greater than 3" shall be salvaged for public use. All waste material from the salvage operation shall be chipped and disposed of in the land fill.

Answer: Comment noted.

112. Question: Section 1015, page 8: Cover material will be available at Badger Pit to use as cover at the land fill.

Answer: Comment noted.

113. Question: Section 1015, page 10: Government Field Office. *Need to discuss location because of lack of utilities at the site.*

Answer: See paragraph 1.1.1 of section 01500 regarding selection of location.

114. Question: Section 1312A, page 2: QCS Software. *The cost and resource requirements for this system are unknown to us.*

Answer: Comment noted.

115. Question: Section 1320A, page 3: Project Schedule: *Although it does not specifically call for a NAS system it sounds like that is what they are looking for.*

Answer: Yes.

116. Question: Section 1355A, page 5, 1.5: Environmental Permitting. The contractor shall be responsible for payment of fees associated with environmental permits, application, and or notices, all costs to be included contract price. *Does this include the 404 permit?*

Answer: No. The 404 permit has been obtained.

117. Question: Section 1355A, page 16, 3.14: Training of Contractor Personnel. The contractor personnel shall be trained in all phases of environmental protection and pollution control. *Does this apply to all personnel to include subcontractors?*

Answer: Yes.

118. Question: Section 1356A, page 5, 3.1: Installation of Silt Fence. A trench shall be excavated 4” wide and 4” deep on one side. *This is a very unusual requirement and not realistic.*

Answer: **Silt fence installation is shown on drawing C126. The silt fence installation as shown on Alaska DOT drawing E-13.00 is also acceptable; it can be found at: <http://www.dot.state.ak.us/stwddes/dcsprecon/assets/pdf/stddwgs/eng/e1300.pdf>**

119. Question: Section 2231, page 4, 3.8: Borrow Site: Cathers Lake borrow pit. *What are the requirements of the pit plan or excavation requirements?*

Answer: **Refer to Amendment 2, question #29.**

120. Question: Section 2300A, page 4, 1.2.1: Wet Land Permit. Contractor shall provide the earth fill information necessary for the 404 permit. *Exactly what information will the government require? The permit requirements may include costs that are not included in the original scope.*

Answer: **Disregard specification statement. The 404 permit has been obtained.**

121. Question: Section 2300A, page 8, 3.1: Stripping of Top Soil. Where indicated or directed, top soil shall be stripped to a depth of 1’. *The term “as directed” needs to be deleted. It appears that the slopes do not receive top soil or seeding, is this correct?*

Answer: **Slopes do receive topsoil. Review sections 02370A and 02921A along with the drawings.**

122. Question: Section 2300A, page 8, 3.6.1: Ground surface on which fill is to be placed shall be hydro axed or stripped of standing live, dead, or decayed vegetation, rubbish, debris, and other unsatisfactory material; plowed disked, or otherwise broken up to a depth of 1’, pulverized, moistened, or aerated as necessary, thoroughly mixed and compacted to 95%. The prepared ground surface shall be scarified and moistened or aerated as required prior to placement of fill material. Stripping of the ground surface on Eielson AFB portions of the project are prohibited. *What portions of this project are on Eielson AFB?*

Answer: **Refer to response to Question 33, Amendment 0002.**

123. Question: Section 2300A, page 8, 3.6.2: Frozen Material. Embankment shall not be placed on a foundation which contains frozen material. Sheet C-1 of the plans restricts construction to winter months. *Conflicting statements, which is correct?*

Answer: **Refer to response to Question 21, Amendment 0002.**

124. Question: Section 2300A, page 9, 3.8.1: Construction. Sub grade shall be shaped to line, grade, and cross section, and compacted as specified. This operation shall include plowing, disk, and any moistening or aerating required to obtain specified compaction. Soft or

otherwise unsatisfactory material shall be removed and replaced with satisfactory excavated material or other approved material as directed. Rock encountered in the cut section shall be excavated to a depth of 6" below finished grade for the sub grade. Low areas resulting from removal of unsatisfactory material or excavation of rock shall be brought up to required grade with satisfactory materials, and the entire sub grade shall be shaped to line, grade, and cross section and compacted as specified. The elevation of the finish sub grade shall not vary more than ½" from the established grade and cross section. *A detailed clarification of the government's intent is required in order to cover these costs. This is certainly not a standard road building procedure in Alaska.*

Answer: In lieu of plowing and disking, scarifying is acceptable. The government's intent is to obtain a construction product within specified tolerances.

125. Question: Section 2630A, 2.4.1: Hydro Test on Culvert Pipe. *Why?*

Answer: The requirement for hydrostatic test specified in paragraph 2.4.1 of section 2630A is deleted.

126. Question: Section 2630, 3.6: Pipe Line Testing. *Why?*

Answer: Paragraph 3.6 of Section 2630 is deleted.

127. Question: Section 2373, page 5, 3.1.1: Geotextile Samples and Tests. *This should not be necessary; however, the costs to cover this requirement must be included.*

Answer: Add the following sentence to paragraph 2.2 of section 2373: "Manufacturer shall provide certification that the delivered geotextile meets the requirements in TABLE 1." Revise first sentence of paragraph 3.1.2 to read: "Upon direction by the Contracting Officer, the Contractor shall provide quality assurance samples to an Independent Laboratory."

128. Question: Is there a mining plan in place for the Cather's Lake Gravel Pit? Are there specific areas of the pit that we will be limited to for our mining operations? Please clarify.

Answer: Refer to response to question 29, Amendment 0002.

129. Question: Sheet LV03 calls for two 1m diameter culverts to be installed across transmitter road. What length of culvert is required?

Answer: Culverts shall be long enough to extend beyond the existing road's shoulders and the inverts of both ends tying to existing drainage.

130. Question: Page 3 of the Solicitation where the scope of services is discussed give a completion time of 320 days after receipt of the NTP. In section 00800 SCR-1 item C) gives a completion time of 730 days from the NTP. What is the completion time for the project? Please Clarify

Answer: Refer to Amendment 2, question #2.

131. Question: In the door schedule A13, there is a listing for door #101A, which appears to be a coiling counter door. Please be advised there are no specifications for this door listed.

Answer: Refer to response to question 40 of this Amendment.

132. Question: Is there a mining plan in place for the Cather's Lake Gravel Pit? Are there specific areas of the pit that we will be limited to for our mining operations? Please clarify.

Answer: Refer to response to question 29, Amendment 0002.

133. Question: Please clarify the gradation of the 50mm Minus Classified Fill Material (sheet C-01) and Subbase Material (sheet C-01).

Answer: The 50mm minus Classified Material is the same as the classified base course described in Question 101. The subbase material is unclassified material and is described in 2.1.1 of section 2721a and Question 24. (maximum aggregate size of 75mm and not more than 25 percent by weight passing the 0.075 mm sieve, measured relative to the fraction passing the 75 mm sieve.)

134. Question: Given the roof framing substrate as shown on the section drawings, do we need to hold a specific purlin spacing?

Answer: Yes, 24" O.C. maximum.

135. Question: Likewise, does the wall substrate consisting of CDX, rigid insulation, fiberglass insulation in the girt cavity, and 5/8 gypsum interior wall liner, do we need to hold a particular girt spacing as well?

Answer: Yes, 24" O.C. maximum.

136. Question: Based on the profile shown on roof sections, and requirements detailed in the project specifications, it appears that the project is describing AEP-Span "Span-Lock" standing seam roof panel, and AEP-Span "Klip-Rib" concealed fastener wall panel. Please confirm.

Answer: The drawing is meant to be generic. Any likeness to any specific product is purely coincidental.

137. Question: What gauge and style roof deck shall be provided? B-deck? What gauge?

Answer: **The SSMR shall be 26 ga. style and color to be selected by the user. B-deck shall be selected to support the roof loads indicated on Sheet S01.**

138. Question: Will the partially enclosed canopies and vestibules be provided by the contractor, or by others? Are there any specific design requirements?

Answer: **All roofs will be supplied and installed by the contractor. Canopies and vestibles will match the main roof with no insulation.**

139. Question: Please confirm 6" overhang and vented soffitt panel; what are we venting, B-deck flutes? Are there any more specific design requirements?

Answer: **Six inches is confirmed. We are ventilating the deck flutes.**

140. Question: Is contractor to provide roof and wall thermal blocks or are they provided by others?

Answer: **The contractor is to provide the roof and wall thermal blocks.**

141. Question: With respect to the After Action Review Buidling, will the operable accordion wall partition transfer or impose any loads onto the structure? If so, what are the product specifications, weights, etc.

Answer: **Yes it will. The contractor shall select the operable accordion wall partition based on the specification on Sheet A19 and transmit the pertinent loading information to the metal building mfg. for proper selection of the metal building structural components. Building mfg shall consider the worst case partition loading conditions. (i.e. partitions completely folded at either end or completely folded in the middle of the span.)**

142. Question: Drawing C125, Stryker Trail Section – Please specify what specification applies to the terms, Surfacing Material, Classified base course material and unclassified subbase material.

Answer: **See Question 133 for classified base course and unclassified subbase material. See paragraph 2.1.3.1 of section 02731a.**

143. Question: Drawing C124, Section A – Please specify what specification applies to the terms Classified Material, Unclassified Material.

Answer: **Refer to response to question 133.**

144. Question: Spec. 02721a, 2.1.1 – This gives a classification for the unclassified material. Unclassified material generally does not conform to a classification. Spec. 02300a, 1.6 Classification of excavation states that no consideration will be given to the nature of the

material, and all excavation will be designated as unclassified excavation. These two specs conflict with each other. Please Clarify

Answer: The unclassified term in section 02721a refers to material that meets a gradation requirement. The unclassified term in section 02300a does not refer to a gradation; it only indicates that it has not been classified per paragraph 1.3.3 of section 02300a.

145. Question: Spec 02300a, 3.7.1 – Earth Embankments. Please specify what this paragraph relates to in terms of material – unclassified, classified, classified base course, surface course, or unclassified sub base...? The requirements of 75mm minus and the 95% compaction would point to structural only... Is this assumption correct?

Answer: For berms in front of targets, it is unclassified material as described at Question 133. The typical sections on Drawings C01 and C125 show where classified and unclassified materials are used for road embankments. See pages 60 thru 69 in Volume 1 of Geotechnical Investigation dated May 2003 for additional explanations.

146. Question: Spec. 02300a, 1.3.1 – Satisfactory materials. The definition of satisfactory materials conflicts with 02300a, 3.7.1 – earth embankments satisfactory material. Please clarify.

Answer: The maximum aggregate is 75-mm; the 200-mm is incorrect.

147. Question: Spec 02231, 3.9.2 Nonsaleable Materials – States all grubbing material not used for erosion control measure shall be disposed of outside the limits of Government- controlled land at the contractor’s responsibility. If the government can provide an area on or near the project site to be used as a disposal area, the government can save a great deal of money on the proposal price. Can the government provide this area in or near the project for the contractor?

Answer: Refer to response to questions 15 and 16 provided under Amendment 0002.

148. Question: Spec. 02300a, 3.3 – Selection of borrow material. Spec states that “unless specifically provided, no borrow shall be obtained within the limits of the project site without prior written approval”. Since the contractor will be required to provide a large amount of additional fill material over the whole project, are government areas available within or near the project site for contractors to excavate material to be used as unclassified or classified sources? This again is a cost savings to the government.

Answer: No.

149. Question: Is Cather's Lake Borrow Pit available to be used as an unclassified material source, and to what extent or limits are available to the contractor?

Answer: **Yes. Any limits are identified in the Cather's Lake Borrow Pit Plan.**

150. Question: Will the contractor be authorized to use any other access to EAFB other than the Main Gate?

Answer: **Refer to Amendment 2, question #32.**

151. Question: Drawing A01, note #7 calls for 2'h concrete serving station see detail G/A14. The referenced detail shows galvanized Steel pipe supports but does not identify the table surface. Please clarify.

Answer: **Tabletops shall be stainless steel sheet bonded to 1 1/4" fiber core with waterproof glue. The tabletop shall have no seams and have bull-nose edges all around with welded corners.**

152. Question: Spec. 02300a 3.1.1 Fill and Backfill material Gradation. States one test per 100 square meters in-place source material- fill and backfill material. Does this include or exclude unclassified fill?

Answer: **Test includes unclassified materials. Also, see response to question 88.**

153. Question: Spec 02300a, 1.7 Utilization of excavated materials – States unsatisfactory materials removed from excavations shall be disposed of in designated waste disposal or spoil areas. Further I the paragraph it states waste disposal area is on government-controlled land. Please identify where on the project site or government controlled lands these areas are located.

Answer: **The site would be within the Yukon Training Area where the project site is located.**

154. Question: Spec.02300a, 3.1 Stripping of Topsoil – States where indicated or directed, topsoil shall be striped to a depth of 300mm. We find no reference to this in the drawings or specifications. Please clarify and show the areas this applies to.

Answer: **Manchu Lake Trail (Typical Section C , Drawing C01), Manchu Road (Typical Section D , Drawing C01), Buildings, and target berm embankments. See Geotechnical Investigation dated May 2003.**

155. Question: C30, general note #9 states Timber removed from the project site shall become the property of the contractor. The Contractor shall reimburse the government for the value of the timber. The value of the timber will be determined by the government. What is the Government Value of the timber being removed?

Answer: **Refer to Amendment 2, question #30.**

156. Question: Section 01500A page 6 para. 1.6.1. Where is the government field office going to be located and where are the existing utilities located?

Answer: The location of the Government field office will be in the same vicinity as the Contractor's field office. Utilities are not available at the site. Generators and porta-potties are required.

157. Question: The spec book section 02231 page 4 / 3.6. This has all the vegetation remaining in place after the clearing is completed. But the typical section "A" "B" on sheet C01 has a geotextile fabric being laid in place to receive the fill material on top. With all the stumps and other sharp object left from clearing operations the geo fabric will be destroyed in the filling operations. If this area is to receive a geo fabric then the ground should be grubbed. Please clarify the intent of leaving the grubbing in place and trying to place the geo fabric over the stumps etc.

Answer: Cut the stumps, etc at ground level to minimize damage to geotextile.

158. Question: After further review and research it is becoming more difficult and confusing to define the import gradation of all import material except the "Aggregate Surface Coarse" as found in section 02731a page 6. If all the imported aggregate material was formatted in this manner this would take all the confusion out of interpretation the gradation of the imported material.

Answer: Comment noted. The Geotechnical Investigation was our primary information source; our intent was to keep the specifications consistent with our source document.

159. Question: Sheet C28 – Bridge Plan & Profile. Does the COE allow the contractor any minimum refusal limits on driving the H pile on the bridge piles? Normally the owner dictates based on geo report, survey, etc.

Answer: See Foundation Notes on Drawing C28 and additional information on pages 73 and 74 in Volume 1 of Geotechnical Investigation dated May 2003.

160. Question: Sheet C28 – Bridge Plan & Profile, Note 3 on stresses on Piling – States two methods of monitoring piling being driven. Is contractor required to have written approved parameters signed and stamped by a professional engineer for this activity, or is COE allowing contractor to make decision based on previous experience and reputation?

Answer: Yes. Reference 02546a paragraph SD-06 TEST REPORTS.

161. Question: Sheet C28 – Note 5, Based on experience, the reason to pre-drill hole is to minimize stress. The stated procedure will do nothing to this project due to soil conditions. Can this note be deleted from scope?

Answer: No

162. Question: Are Geo reports or bore logs of piling locations for bridge available to the contractor?

Answer: Refer to Amendment 2, documents provided with Amendment 0002.

163. Question: Metal siding including fascia, soffits, parapet flashing and similar exterior surfaces, which are indicated for this project; the spec section appears to be missing.

a. Will the metal siding have a factory finish or require field painting?

Answer: Metal siding shall have factory finish.

b. If the metal siding is factory finished will all related siding surfaces, such as soffits and fascia be factory finished as well?

Answer: Yes. Siding is in metal building specification 13120A. The metal siding shall have a factory finish. All of metal surfaces and trim shall match siding. All of metal building components shall be from the same manufacturer.

164. Question: Exterior wood, both treated and untreated, such as plywood. Nowhere is it mentioned that a field coating of paint will be applied to exterior wood. Of interest is façade E/S10 and Machine Gun Bunker B/.S09

Answer: The wood shall be treated and not painted.

165. Question: The specification clearly indicates the field painting procedure for galvanized metal but nowhere does it mention which galvanized metal should be painted. For example, the various nuts and bolts used to support the Façade as detailed on E/S10 of the project plans.

Answer: All interior unfinished exposed metal shall be painted. Metal doors and frames to be painted per applicable specifications; other unfinished metal elements shall be painted per applicable specifications.

166. Question: Are we required to flag the clearing limits?

Answer: No. But, the contractor shall not clear beyond the limits shown in the contract.

167. Question: Along existing power distribution where additional clearing is required to provide for your thirty foot right of way, will the line be live while clearing activities are to occur, or will the line be taken down before we get out there?

Answer: The existing power line will be live.

168. Question: As accurately as possible, when is the starting date, and how long will we have to complete the project?

Answer: **The starting date will coincide with Notice to Proceed. The contract duration is 730 days.**

169. Question: The MOVING ARMOR TARGET EMPLACEMENT RETAINING WALL TYP. DETAILS on sheet S07 show a concrete retaining wall defined by detail C sheet S07. Is this concrete retaining wall detail overridden by the plan and details on sheets S11 and S12?

Answer: **No. See drawing C118; it shows location of timber and concrete walls. See drawing A-12 for information on "MAT" storage building.**

170. Question: Can we use rubber-tired land clearing on Eielson AFB?

Answer: **Yes.**

171. Question: Can you clarify the grubbing portion on the Manchu Trail sections a & b? The Eielson portion is from 0+000-0+600 on section a; what about the rest of a&b, does it require grubbing?

Answer: **No.**

172. Question: Is the surcharge/preload height for Manchu Lake Trail (Sta. 0+000 to 2+340) 1.4 meters above the finished grade profile shown on sheets C02 thru C09? If there is more or less than 1.4 m of settlement how does the additional work required to grade the roadway to the finished grade profile get paid for?

Answer: **This is to be included in the lump sum bid.**

173. Question: Is there a load limit on the EAFB road system? The existing bridge over Moose Creek by the Cather Lake pit has a 9 ton load limit. What is the schedule for upgrading this bridge and what will the new load limit be? Also, there is an existing bridge over a creek along the Powerline Extension Road - what is the load limit on this bridge? Lastly, what will be the load limit over the new bridge constructed under this contract?

Answer: **Refer to responses to questions 103 and 104.**

174. Question: When does the Corp expect to award the contract? Given the pit development requirements and the time of year, this is critical to mining of the material from the Cather Lake pit for construction of Manchu Lake Trail during the winter months (if the contractor chooses - in light of Mod 002).

Answer: **Contract award is expected to be no later than 30 September 2003.**

175. Question: Specification 02721a-2.1.1 Unclassified Material states, " Aggregates shall consist of crushed stone or gravel, sand, or other.....". Is it required that this product be crushed? If so, what is the fracture requirements?

Answer: For fracture requirements, refer to response to question 102.

176. Question: Specification 02731a-2.1 Classified Material. There doesn't appear to be a fracture requirement for either the aggregate surface course (2.2.3.1) or the classified material (2.1.3.2). Is this correct?

Answer: Refer to response to question 102.

177. Question: Specification 02731a-2.1.3.1 Aggregate Surface Course specifies 8-15% passing the .075mm sieve. Based upon the boring logs presented in Mod 002, it doesn't appear that the material mined from the Cather Lake pit is fine enough to meet this spec. Is there any gradations for the material out of this pit? If the specification can't be met with the material mined out of the pit, will the contractor be required to find an alternate source of material?

Answer: Contractor shall make a good faith attempt to meet the gradation specification with material coming from the pit. If this objective cannot be met, base course shall be used in lieu of surface material.

178. Question: Drawing C28 calls out for the Bailey bridge to be furnished by the Government. Is there an estimated weight for this bridge?

Answer: Estimated weight for seven bays of Double-Single Bailey Bridge without wear treads is 24 U. S. Tons.

SECTION 00100
INSTRUCTION TO BIDDERS/OFFERORS

AM01...
JOINT VENTURE AGREEMENT

Joint Ventures are allowable on competitive 8(a) set-asides, however, SBA must receive the joint venture agreement prior to proposal due date and approved before award of a resulting contract. If you are contemplating a joint venture on this project, you must advise your assigned Business Opportunity Specialist (BOS) as soon as possible. It is also recommended that the agreement be submitted as soon as practicable to ensure compliance with established regulations. Any corrections and/or changes needed can be made only when your BOS has adequate time for a thorough review before the proposal due date. NO CORRECTIONS AND/OR CHANGES ARE ALLOWED AFTER TIME OF SUBMISSION OF PORPOSAL OR BIDS. ...AM01

1. MAGNITUDE

The magnitude of this project is \$10,000,000 - \$25,000,000

2. PLANS AND SPECIFICATIONS

Plans and specifications will be available on our website at no charge. <http://www.poa.usace.army.mil/contracting/default.asp>

3. **BOND AMOUNT REQUIRED** (CLAUSE 52.228-15, Performance and Payment Bonds-Construction(JUL2000) Section 00700

a. Performance and Payment Bonds Bonds:

(1) The penal amount of the bonds shall be 100 percent of the original price, unless the Contracting Officer determines that a lesser amount would be adequate for the protection of the Government.

(2) The Government may require additional bond protection when a contract price is increased. The increase in protection shall generally equal 100 percent of the increase in contract price. The Government may secure additional projection by directing the contractor to increase the penal amount of the existing bond or obtain an additional bond.

b. Letter of Commitment: Offeror's are required to obtain either a proposal bond (See 52.228-1) or a written letter of commitment from a good and sufficient surety. The obligation of the surety under the letter of commitment shall be equal to the contract price. The letter of commitment shall express the surety's willingness to provide the required bonding within 10 calendar days after notification that the

need is transmitted to the surety by the contractor. The performance bond shall equal one hundred percent (100%) of the contract price.

5. EQUIPMENT OWNERSHIP AND OPERATION EXPENSE SCHEDULE

Whenever a contract or modification of contract price is negotiated, the contractor's cost proposal for equipment ownership and operating expenses shall be determined in accordance with the requirements of paragraph SC-29, EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE, contained in the Special Provisions section of the specifications. A copy of EP 1110-1-8 "Construction Equipment Ownership and Operating Expense Schedule" is available for review at the US Army Engineers District, Alaska, Bldg. 2204 Third St, Room 50, Elmendorf AFB, Alaska and at <http://www.usace.army.mil/inet/usace-docs/eng-pamphlets/sp.htm>

6. INQUIRIES

Prospective offerors may submit inquiries to:

- a. Tamela Perry, Contract Specialist, (907)753-5579, FAX (907) 753-2544 or e:mail tamela.r.perry@usace.army.mil. Written inquiries should be addressed to: U.S. Army Engineer District, Alaska, Contracting Division, ATTN: Tamela Perry, Civil Military Branch, P.O. Box 6898, Elmendorf AFB, AK 99506-6898

COLLECT CALLS WILL NOT BE ACCEPTED.

7. VISITORS TO THE ARMY AND AIR FORCE BASES

All vehicle operators are required to wear seatbelts. Vehicle operators caught not wearing seatbelts will lose their driving privileges for 10 days on their first offense, 30 days on the second offense, and 6 months or longer on the third offense.

If a firm does not have a current pass to obtain entry to Elmendorf AFB, the firm may request a day pass using the following procedures:

Forty-eight hours (48) prior to your meeting or delivery of bid, the firm must contact Ms Tamela Perry at the above e:mail and request a day pass. The firm must provide: a) the solicitation number; b) the names of all persons in the vehicle; c) the name of their employer(s). State that it is a request for a day pass.

On the day of entry, the driver must go to the Boniface Gate and provide: a) valid driver's license; b) proof of current insurance; c) proof of current IM certificate; d) current vehicle registration. Be sure to inform security police that you are on the list for a day pass. AM#3... Failure to bring these documents to the gate will result in no bid submitted for that company. For example, if a company's expediter or deliverer does not have the correct documents at the gate and cannot obtain a pass even if their name is on the list, the Government will not go out to the gate to pick up the bid. Bring a copy of the confirmation

email provided by the above POC to the gate as proof that base access has been authorized. Inform the Boniface Security personnel that this is a request for a day pass. ...AM#3

Please allow enough time to submit your bid, due to possible changes in base access requirements for security reasons. No public telephone service is provided at the Boniface Gate.

8. FACSIMILE BIDS

Facsimile bids or modifications will not be accepted.

9. PICK-UP SERVICE FOR TELEGRAPHIC AMENDMENTS

The US Army Engineers District, Alaska, does not provide pick-up service for telegraphic amendments.

10. PERFORMANCE OF WORK BY CONTRACTOR

Your attention is invited to FAR CLAUSE 52.219-14 entitled "LIMITATIONS ON SUBCONTRACTING". Unless submitted with the bid, the successful contractor must furnish the Contracting Officer within 30 days after award a description of the work which he intends to perform with his own organization (e.g. earthwork, paving, birchwork, or roofing), the percentage of the total work this represents and the estimated cost thereof.

11. EXCLUSION OF DEBARRED AND SUSPENDED CONTRACTORS

By entering into this contract, the Contractor certifies that neither it, nor any person or firm who has an interest in the Contractor's firm, is a person, or firm ineligible to be awarded Government contracts by virtue of being suspended or debarred in accordance with FAR subpart 9.4 (AL85-30).

AM#3...

12. BID SUBMISSIONS:

a. Mailing Address: U.S. Army Corps of Engineers, Alaska District
PO Box 6898
ATTN: CEPOA-CT-C/M (Room 29)
Elmendorf AFB, AK 99506-6898
IFB: DACA85-03-B-0004

b. Physical Address: U.S. Army Corps of Engineers, Alaska District
Bldg 2204 3rd Street
Attn: CEPOA-CT-C/M (Contracting Division)
Elmendorf AFB, AK 99506
IFB: DACA85-03-B-0004

c. A Contracting Officer or her representative must accept bids that are hand delivered. Notify the front desk clerk upon arrival that you are delivering a bid package and to contact the Contracting Office Point of Contact. Note: There will be a contracting officer representative in the atrium/lobby 30 minutes before bid closing. Be

AMENDMENT 0003

advised there is limited telephone service in the lobby. Due to increased security requirements at Elmendorf AFB, please allow enough time to submit your bid. ...AM#3

SECTION 00800
SPECIAL CONTRACT REQUIREMENTS

DACA85-03-B-0004
AMENDMENT #R0003
PLATOON BATTLE COURSE
FORT WAINWRIGHT, ALASKA

I-N-D-E-X

<u>CLAUSE</u>	<u>TITLE</u>	<u>PAGE</u>
SCR-1	COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK	00800-1
SCR-2	EXCLUSION OF PERIODS IN COMPUTING COMPLETION SCHEDULES	NOT USED 00800-1
SCR-3	LIQUIDATED DAMAGES-CONSTRUCTION	00800-1
SCR-4	TIME EXTENSIONS	NOT USED 00800-1
SCR-5	CONTRACT DRAWINGS AND SPECIFICATIONS	00800-1
SCR-6	BRAND NAME OR EQUAL	NOT USED 00800-12
SCR-7	CERTIFICATES OF COMPLIANCE	00800-12
SCR-8	SUBMITTALS	00800-12
AM#3. SCR-9	IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY	00800-12. AM#3
SCR-10	PHYSICAL DATA	00800-13
SCR-11	AVAILABILITY AND USE OF UTILITY SERVICES	00800-13
SCR-12	IDENTIFICATION OF EMPLOYEES AND MILITARY REGULATIONS	00800-14
SCR-13	INSURANCE - WORK ON A GOVERNMENT INSTALLATION	00800-14
SCR-14	SPECIAL SAFETY REQUIREMENTS	00800-15
SCR-15	AIRFIELD SAFETY PRECAUTIONS	NOT USED 00800-16
SCR-16	LAYOUT OF WORK	00800-16
SCR-17	QUANTITY SURVEYS	00800-16
SCR-18	AGGREGATE SOURCES	NOT USED 00800-16
SCR-19	HAUL ROADS	NOT USED 00800-16
SCR-20	CONTRACTOR-PREPARED NETWORK ANALYSIS SYSTEM	NOT USED 00800-16
SCR-21	PERFORMANCE OF WORK BY THE CONTRACTOR	AM#2.. NOT USED 00800-16 AM#2
SCR-22	SALVAGE MATERIALS AND EQUIPMENT	NOT USED 00800-16
SCR-23	OBSTRUCTION OF NAVIGABLE WATERWAYS	NOT USED 00800-16

<u>CLAUSE</u>	<u>TITLE</u>		<u>PAGE</u>
SCR-24	SIGNAL LIGHTS	NOT USED	00800-16
SCR-25	COMMUNICATION SECURITY		00800-16
SCR-26	PERMITS AND RESPONSIBILITIES	NOT USED	00800-17
SCR-27	SUPERINTENDENCE OF SUBCONTRACTORS	NOT USED	00800-17
SCR-28	PAYMENT FOR MOBILIZATION AND DEMOBILIZATION	NOT USED	00800-17
SCR-29	EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE		00800-17
SCR-30	RESERVED	NOT USED	00800-17
SCR-31	WORK IN QUARANTINED AREA	NOT USED	00800-17
SCR-32	PRESERVATION OF HISTORICAL, ARCHEOLOGICAL AND CULTURAL RESOURCES		00800-17
SCR-33	PAYMENT FOR MATERIALS DELIVERED OFF-SITE	NOT USED	00800-18
SCR-34	SCHEDULING SYSTEM DATA EXCHANGE FORMAT	NOT USED	00800-18
SCR-35	RESERVED	NOT USED	00800-18
SCR-36	TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER		00800-18
SCR-37	NONDOMESTIC CONSTRUCTION MATERIALS		00800-19
SCR-38	YEAR 2000 COMPLIANCE		00800-19
SCR-39	RESERVED	NOT USED	00800-19
SCR-40	KEY PERSONNEL	NOT USED	00800-19
SCR-41	DESIGN-BUILD CONTRACT - ORDER OF PRECEDENCE	NOT USED	00800-19
SCR-42	PROPOSED BETTERMENTS	NOT USED	00800-19
SCR-43	SEQUENCE OF DESIGN-CONSTRUCTION	NOT USED	00800-19
SCR-44	RESPONSIBILITY OF THE CONTRACTOR FOR DESIGN	NOT USED	00800-19
SCR-45	SAFETY AND HEALTH REQUIREMENTS MANUAL, EM 385-1-1, U.S. ARMY CORPS OF ENGINEERS		00800-19
SCR-46 THRU SCR-111		NOT USED	00800-19

<u>CLAUSE</u>	<u>TITLE</u>	<u>PAGE</u>
AM#2... SCR-112	NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY	00800-19
SCR-113 THRU 114	AM#2... NOT USED NOT USED	00800-19
ATTACHMENT: CLIMATOLOGICAL SUMMARY		

--End of Special Contract Requirements Index--

SECTION 00800
SPECIAL CONTRACT REQUIREMENTS

SCR-1 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK: (APR 1984) (FAR 52.211-10)

The Contractor will be required to (a) commence work under this contract within 10 calendar days after the date the Contractor receives the Notice to Proceed (NTP), (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than 730 calendar days after the date the Contractor receives the Notice to Proceed. The time stated for completion shall include final cleanup of the premises.

SCR-2 NOT USED

SCR-3 LIQUIDATED DAMAGES-CONSTRUCTION: (SEP 2000) (FAR 52.211-12)

- (a) If the Contractor fails to complete the work within the time specified in the contract, the Contractor shall pay liquidated damages to the Government in the amount of \$1,325.00 for each calendar day of delay until the work is completed or accepted.
- (b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.

SCR-4 NOT USED

SCR-5 CONTRACT DRAWINGS AND SPECIFICATIONS: (Aug 2000) (DFARS 252.236-7001)

- (a) The Government will provide the Contractor, without charge, one set of contract drawings and specifications, except publications incorporated into the technical provisions by reference, in electronic or paper media as chosen by the Contracting Officer.
- (b) The Contractor shall --
 - (1) Check all the drawings furnished immediately upon receipt;
 - (2) Compare all drawings and verify the figures before laying out the work;
 - (3) Promptly notify the Contracting Officer of any discrepancies;
 - (4) Be responsible for any errors that might have been avoided by complying with this paragraph (b); and
 - (5) Reproduce and print contract drawings and specifications as needed.
- (c) In general -
 - (1) Large-scale drawings shall govern small-scale drawings; and
 - (2) The Contractor shall follow figures marked on drawings in preference to scale measurements.

- (d) Omissions from the drawings or specifications or the mis-description of details of work that are manifestly necessary to carry out the intent of the drawings and specifications, or that are customarily performed, shall not relieve the Contractor from performing such omitted or mis-described details of the work. The Contractor shall perform such details as if fully and correctly set forth and described in the drawings and specifications.
- (e) The work shall conform to the specifications and the contract drawings identified on the following index of drawings:

Drawing No.	Sheet No.	Title	Rev. No.	Date
GENERAL				
N/A	N/A	T01 DRAWING COVER	None	8/4/2003
F-178-64-01	0	X01 DRAWING INDEX	"	"
CIVIL				
F-16-06-4288	01	LV01 VICINITY MAP	"	"
"	02	LV02 OVERALL SITE PLAN	"	"
"	03	LV03 OVERALL GOOMETRIC CONTROL PLAN	"	"
F-178-64-01	01	C0 CIVIL ABBREVIATIONS AND LEGEND	"	"
"	02	C01 ROADWAY TYPICAL SECTIONS	"	"
"	03	C02 PLAN & PROFILE	"	"
"	04	C03 PLAN & PROFILE	"	"
"	05	C04 PLAN & PROFILE	"	"
"	06	C05 PLAN & PROFILE	"	"
"	07	C06 PLAN & PROFILE	"	"
"	08	C07 PLAN & PROFILE	"	"
"	09	C08 PLAN & PROFILE	"	"
"	10	C09 PLAN & PROFILE	"	"
"	11	C10 PLAN & PROFILE	"	"
"	12	C11 PLAN & PROFILE	"	"
"	13	C12 PLAN & PROFILE	"	"
"	14	C13 PLAN & PROFILE	"	"
"	15	C14 PLAN & PROFILE	"	"
"	16	C15 PLAN & PROFILE	"	"
"	17	C16 PLAN & PROFILE	"	"
"	18	C17 PLAN & PROFILE	"	"
"	19	C18 PLAN & PROFILE	"	"
"	20	C19 PLAN & PROFILE	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	21	C20 PLAN & PROFILE	"	"
"	22	C21 PLAN & PROFILE	"	"
"	23	C22 PLAN & PROFILE	"	"
"	24	C23 PLAN & PROFILE	"	"
"	25	C24 PLAN & PROFILE	"	"
"	26	C25 PLAN & PROFILE	"	"
"	27	C26 PLAN & PROFILE	"	"
"	28	C27 PLAN & PROFILE	"	"
"	29	C28 BRIDGE PLAN AND PROFILE	"	"
"	30	C29 ABUTMENT PLAN, SECTIONS AND TYPICAL DETAILS	"	"
"	31	C30 MPTR/IPBC OVERALL SITE PLAN	"	"
"	32	C31 SUPPORT FACILITY SITE PLAN	"	"
"	33	C32 AMMO BREAKDOWN BUILDING & AMMO LOADING DOCK SITE PLAN	"	"
"	34	C33 ENLARGED MPTR SITE PLAN-FIRING POINTS 1A & 1B	"	"
"	35	C34 ENLARGED MPTR SITE PLAN-TARGETS P1, B2, & P2	"	"
"	36	C35 ENLARGED MPTR SITE PLAN-TARGET P3	"	"
"	37	C36 ENLARGED MPTR SITE PLAN-TARGETS P4, V1, V2, M1, & B2	"	"
"	38	C37 ENLARGED MPTR SITE PLAN-TARGET M1 (PARTIAL)	"	"
"	39	C38 ENLARGED MPTR SITE PLAN-TARGETS B3, V3, P5, & P6	"	"
"	40	C39 ENLARGED MPTR SITE PLAN-TARGETS V4 & P7	"	"
"	41	C40 ENLARGED MPTR SITE PLAN-TARGETS V5, V6, & V7	"	"
"	42	C41 ENLARGED MPTR SITE PLAN-TARGETS M2, V8, & V9	"	"
"	43	C42 ENLARGED MPTR SITE PLAN-TARGETS B4, P8, & V10	"	"
"	44	C43 ENLARGED MPTR SITE PLAN-TARGETS P9, P10, V11, V12, & M3	"	"
"	45	C44 ENLARGED MPTR/IPBC SITE PLAN-TARGET M3 & OBJECTIVE D TRAIL	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	46	C45 ENLARGED MPTR SITE PLAN-TARGETS M3, P11, B5, V13, & V14	"	"
"	47	C46 ENLARGED IPBC SITE PLAN-TARGET D1	"	"
"	48	C47 ENLARGED IPBC SITE PLAN-T1, D2, D3, IM1, MG1, & IS1	"	"
"	49	C48 ENLARGED IPBC SITE PLAN-T2, IM2, IM3, D4, & IS2	"	"
"	50	C49 ENLARGED IPBC SITE PLAN-MG2, MG3, & C1	"	"
"	51	C50 ENLARGED IPBC SITE PLAN-OBJECTIVE E ACCESS TRAIL	"	"
"	52	C51 ENLARGED IPBC SITE PLAN-TARGETS IM4, D5, MG4, D6, IM5, IS3, MG5, T3, IM6, & IM7	"	"
"	53	C52 ENLARGED IPBC SITE PLAN-TARGET ACCESS ROADS & TARGET IS4	"	"
"	54	C53 ENLARGED IPBC SITE PLAN-TARGETS MG6, T4, MG7, D7, D8, IM8, & MG8	"	"
"	55	C54 ENLARGED IPBC SITE PLAN-TARGETS T5, IM9, T6, IM11, T8, IM13, IS5, D9, IM10, IS6, T7, & IM12	"	"
"	56	C55 NORTH STRYKER TRAIL PLAN AND PROFILE STA. 0+000 TO STA. 0+325	"	"
"	57	C56 NORTH STRYKER TRAIL PLAN AND PROFILE STA. 0+325 TO STA. 0+650	"	"
"	58	C57 NORTH STRYKER TRAIL PLAN AND PROFILE STA. 0+650 TO STA. 0+975	"	"
"	59	C58 NORTH STRYKER TRAIL PLAN AND PROFILE STA. 0+975 TO STA. 1+300	"	"
"	60	C59 NORTH STRYKER TRAIL PLAN AND PROFILE STA. 1+300 TO STA. 1+625	"	"
"	61	C60 NORTH STRYKER TRAIL PLAN AND PROFILE STA. 1+625 TO STA. 1+950	"	"
"	62	C61 NORTH STRYKER TRAIL PLAN AND PROFILE STA. 1+950 TO STA. 2+267.6058	"	"
"	63	C62 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 0+000 TO STA. 0+325	"	"
"	64	C63 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 0+325 TO STA. 0+650	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	65	C64 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 0+650 TO STA. 0+975	"	"
"	66	C65 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 0+975 TO STA. 1+300	"	"
"	67	C66 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 1+300 TO STA. 1+625	"	"
"	68	C67 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 1+625 TO STA. 1+950	"	"
"	69	C68 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 1+950 TO STA. 2+275	"	"
"	70	C69 SOUTH STRYKER TRAIL PLAN AND PROFILE STA. 2+275 TO STA. 2+309.5900	"	"
"	71	C70 NORTH STRYKER TRAIL CROSS SECTIONS STA. 0+000 TO STA. 0+250	"	"
"	72	C71 NORTH STRYKER TRAIL CROSS SECTIONS STA. 0+275 TO STA. 0+500	"	"
"	73	C72 NORTH STRYKER TRAIL CROSS SECTIONS STA. 0+525 TO STA. 0+750	"	"
"	74	C73 NORTH STRYKER TRAIL CROSS SECTIONS STA. 0+775 TO STA. 0+975	"	"
"	75	C74 NORTH STRYKER TRAIL CROSS SECTIONS STA. 1+000 TO STA. 1+250	"	"
"	76	C75 NORTH STRYKER TRAIL CROSS SECTIONS STA. 1+275 TO STA. 1+450	"	"
"	77	C76 NORTH STRYKER TRAIL CROSS SECTIONS STA. 1+475 TO STA. 1+625	"	"
"	78	C77 NORTH STRYKER TRAIL CROSS SECTIONS STA. 1+649.88 TO STA. 1+775	"	"
"	79	C78 NORTH STRYKER TRAIL CROSS SECTIONS STA. 1+800 TO STA. 1+875	"	"
"	80	C79 NORTH STRYKER TRAIL CROSS SECTIONS STA. 1+900 TO STA. 2+050	"	"
"	81	C80 NORTH STRYKER TRAIL CROSS SECTIONS STA. 2+075 TO STA. 2+250	"	"
"	82	C81 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 0+000 TO STA. 0+175	"	"
"	83	C82 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 0+200 TO STA. 0+350	"	"
"	84	C83 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 0+375 TO STA. 0+500	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	85	C84 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 0+525 TO STA. 0+650	"	"
"	86	C85 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 0+675 TO STA. 0+800	"	"
"	87	C86 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 0+813.38 TO STA. 0+900	"	"
"	88	C87 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 0+925 TO STA. 1+000	"	"
"	89	C88 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+025 TO STA. 1+150	"	"
"	90	C89 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+175 TO STA. 1+300	"	"
"	91	C90 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+300.50 TO STA. 1+400	"	"
"	92	C91 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+425 TO STA. 1+500	"	"
"	93	C92 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+525 TO STA. 1+600	"	"
"	94	C93 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+625 TO STA. 1+700	"	"
"	95	C94 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+725 TO STA. 1+809.37	"	"
"	96	C95 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+819.11 TO STA. 1+900	"	"
"	97	C96 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 1+925 TO STA. 2+032.35	"	"
"	98	C97 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 2+050 TO STA. 2+186.97	"	"
"	99	C98 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 2+200 TO STA. 2+275	"	"
"	100	C99 SOUTH STRYKER TRAIL CROSS SECTIONS STA. 2+276.80 TO STA. 2+300	"	"
"	101	C100 MOVING ARMOR TARGET 1 PLAN & PROFILE	"	"
"	102	C101 MOVING ARMOR TARGET 2 PLAN & PROFILE	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	103	C102 MOVING ARMOR TARGET 3 PLAN & PROFILE	"	"
"	104	C103 MOVING ARMOR TARGET 1 CROSS SECTIONS STA. 0+000 TO STA. 0+125	"	"
"	105	C104 MOVING ARMOR TARGET 1 CROSS SECTIONS STA. 0+150 TO STA. 0+250	"	"
"	106	C105 MOVING ARMOR TARGET 1 CROSS SECTIONS STA. 0+275 TO STA. 0+350	"	"
"	107	C106 MOVING ARMOR TARGET 2 CROSS SECTIONS STA. 0+000 TO STA. 0+075	"	"
"	108	C107 MOVING ARMOR TARGET 2 CROSS SECTIONS STA. 0+078.90 TO STA. 0+131.66	"	"
"	109	C108 MOVING ARMOR TARGET 2 CROSS SECTIONS STA. 0+150 TO STA. 0+248.28	"	"
"	110	C109 MOVING ARMOR TARGET 2 CROSS SECTIONS STA. 0+250 TO STA. 0+350	"	"
"	111	C110 MOVING ARMOR TARGET 3 CROSS SECTIONS STA. 0+000 TO STA. 0+075	"	"
"	112	C111 MOVING ARMOR TARGET 3 CROSS SECTIONS STA. 0+100 TO STA. 0+150	"	"
"	113	C112 MOVING ARMOR TARGET 3 CROSS SECTIONS STA. 0+175 TO STA. 0+212.98	"	"
"	114	C113 MOVING ARMOR TARGET 3 CROSS SECTIONS STA. 0+225 TO STA. 0+262.51	"	"
"	115	C114 MOVING ARMOR TARGET 3 CROSS SECTIONS STA. 0+275 TO STA. 0+300	"	"
"	116	C115 MOVING ARMOR TARGET 3 CROSS SECTIONS STA. 0+325 TO STA. 0+350	"	"
"	117	C116 MOVING INFANTRY TARGET EMPLACEMENT	"	"
"	118	C117 STATIONARY ARMOR TARGET EMPLACEMENT	"	"
"	119	C118 MOVING ARMOR TARGET EMPLACEMENT	"	"
"	120	C119 MACHINE GUN BUNKER	"	"
"	121	C120 TRENCH	"	"
"	122	C121 1- AND 2-MAN STATIONARY INFANTRY TARGET EMPLACEMENT	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	123	C122 3-MAN STATIONARY INFANTRY TARGET EMPLACEMENT	"	"
"	124	C123 7-MAN STATIONARY INFANTRY TARGET EMPLACEMENT	"	"
"	125	C124 POWER CENTER	"	"
"	126	C125 TYPICAL TRAIL CROSS SECTIONS, TRAIL TURNAROUND PLAN & TYPICAL CUT IN LOESS	"	"
"	127	C126 CULVERT DETAILS & EROSION CONTROL METHODS	"	"
"	128	C127 BARRIER GATE	"	"
ARCHITECTURAL			"	"
"	129	A01 LARGE AFTER ACTION REVIEW BUILDING FLOOR PLAN	"	"
"	130	A02 LARGE AFTER ACTION REVIEW BUILDING REFLECTED CEILING PLAN	"	"
"	131	A03 LARGE AFTER ACTION REVIEW BUILDING ELEVATIONS	"	"
"	132	A04 MAINTENANCE/VEHICLE STORAGE BUILDING FLOOR PLAN	"	"
"	133	A05 MAINTENANCE/VEHICLE STORAGE BUILDING REFLECTED CEILING PLAN	"	"
"	134	A06 MAINTENANCE/VEHICLE STORAGE BUILDING - BUILDING ELEVATIONS	"	"
"	135	A07 RANGE CONTROL & GENERAL MAINTENANCE FACILITY FLOOR PLAN	"	"
"	136	A08 RANGE CONTROL & GENERAL MAINTENANCE FACILITY REFLECTED CEILING PLAN	"	"
"	137	A09 RANGE CONTROL & GENERAL MAINTENANCE FACILITY BUILDING ELEVATIONS	"	"
"	138	A10 AMMO BREAKDOWN BUILDING (METAL BUILDING CONSTRUCTION)	"	"
"	139	A11 DUAL SEX LATRINE (MASONRY BUILDING CONSTRUCTION)	"	"
"	140	A12 TYPICAL MAT STORAGE BUILDING	"	"
"	141	A13 DOOR SCHEDULE AND DETAILS	"	"
"	142	A14 STANDARD DETAILS AND NOTES (METAL BUILDING CONSTRUCTION)	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	143	A15 STANDARD DETAILS AND NOTES (METAL BUILDING CONSTRUCTION)	"	"
"	144	A16 ENLARGED FLOOR PLAN, ELEVATIONS AND SECTION	"	"
"	145	A17 ENLARGED FLOOR PLAN AND ELEVATION/SECTION	"	"
"	146	A18 ROOM FINISH AND WINDOW SCHEDULES	"	"
"	147	A19 MISCELLANEOUS DETAILS	"	"
STRUCTURAL			"	"
"	148	S01 STRUCTURAL NOTES AND SCHEDULES	"	"
"	149	S02 STRUCTURAL NOTES AND SCHEDULES	"	"
"	150	S03 LARGE AFTER ACTION REVIEW BUILDING FOUNDATION PLAN	"	"
"	151	S04 MAINTENANCE/VEHICLE STORAGE & AMMO BREAKDOWN BUILDINGS FOUNDATION PLANS	"	"
"	152	S05 RANGE CONTROL & GENERAL MAINTENANCE FACILITY FOUNDATION PLAN	"	"
"	153	S06 AMMO LOADING DOCK	"	"
"	154	S07 ARMOR TARGET RETAINING WALLS	"	"
"	155	S08 TRENCH PLANS AND DETAILS	"	"
"	156	S09 MACHINE GUN/OBSERVATION BUNKER	"	"
"	157	S10 FAÇADE SUPPORT ELEVATION AND DETAILS	"	"
"	158	S11 MAT STORAGE PLANS AND SECTIONS	"	"
"	159	S12 MAT STORAGE SECTIONS	"	"
"	160	S13 MAT STORAGE SECTIONS AND DETAILS	"	"
ELECTRICAL			"	"
"	161	E01 ELECTRICAL LEGEND	"	"
"	162	E02 LIGHTING FIXTURE DETAILS	"	"
"	163	E03 PLAN AND PROFILE - ELECTRICAL PRIMARY	"	"
"	164	E04 PLAN AND PROFILE - ELECTRICAL PRIMARY	"	"
"	165	E05 PLAN AND PROFILE - ELECTRICAL PRIMARY	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	166	E06 PLAN AND PROFILE - ELECTRICAL PRIMARY	"	"
"	167	E07 MPTR/IPBC SUPPORT FACILITY - ELECTRICAL SITE PLAN	"	"
"	168	E08 MPTR TARGET SITE - ELECTRICAL PLAN	"	"
"	169	E09 MPTR/IPBC TARGET SITE - ELECTRICAL PLAN	"	"
"	170	E10 MPTR/IPBC TARGET SITE - ELECTRICAL PLAN	"	"
"	171	E11 MPTR/IPBC TARGET SITE - ELECTRICAL PLAN	"	"
"	172	E12 MPTR/IPBC TARGET SITE - ELECTRICAL PLAN	"	"
"	173	E13 MPTR/IPBC TARGET SITE - ELECTRICAL PLAN	"	"
"	174	E14 LARGE AFTER ACTION REVIEW BUILDING - LIGHTING PLAN	"	"
"	175	E15 MAINTENANCE/VEHICLE STORAGE BUILDING - LIGHTING PLAN	"	"
"	176	E16 GENERAL MAINTENANCE & CONTROL FACILITY - LIGHTING PLAN	"	"
"	177	E17 LARGER AFTER ACTION REVIEW BUILDING - POWER PLAN	"	"
"	178	E18 MAINTENANCE/VEHICLE STORAGE BUILDING - POWER PLAN	"	"
"	179	E19 GENERAL MAINTENANCE & CONTROL FACILITY - POWER PLAN	"	"
"	180	E20 LATRINE "A" - LIGHTING AND POWER PLANS	"	"
"	181	E21 LATRINE "B" - LIGHTING AND POWER PLANS	"	"
"	182	E22 AMMO BREAKDOWN BUILDING - LIGHTING AND POWER PLANS	"	"
"	183	E23 POWER ONE-LINE DIAGRAM	"	"
"	184	E24 POWER ONE-LINE DIAGRAM	"	"
"	185	E25 ELECTRICAL POLE DETAILS	"	"
"	186	E26 ELECTRICAL POLE DETAILS	"	"
"	187	E27 ELECTRICAL POLE DETAILS	"	"
"	188	E28 MPTR AND IPBC TARGET DETAILS	"	"

Drawing No.	Sheet No.	Title	Rev. No.	Date
F-178-64-01	189	E29 TARGET DETAILS AND ENLARGED PLAN	"	"
"	190	E30 MPTR/IPBC TARGET SITE - DATA CABLING PLAN	"	"
"	191	E31 MPTR/IPBC TARGET SITE - DATA CABLING PLAN	"	"
"	192	E32 MPTR/IPBC TARGET SITE - DATA CABLING PLAN	"	"
"	193	E33 MPTR/IPBC TARGET SITE - DATA CABLING PLAN	"	"
"	194	E34 TELECOMMUNICATIONS DIAGRAMS AND DETAILS	"	"
"	195	E35 UNDERGROUND CABLE AND CAMERA/MARKER DETAILS	"	"
"	196	E36 PANEL SCHEDULES	"	"
"	197	E37 PANEL SCHEDULES	"	"
"	198	E38 PANEL SCHEDULES - RANGES	"	"
"	199	E39 PANEL SCHEDULES - RANGES	"	"
MECHANICAL			"	"
"	200	M01 GENERAL NOTES, MECHANICAL LEGEND, EQUIPMENT SCHEDULE	"	"
"	201	M02 MECHANICAL PLAN - LARGE AAR BUILDING	"	"
"	202	M03 MECHANICAL PLAN - MAIN VEHICLE STORAGE BUILDING	"	"
"	203	M04 MECHANICAL PLAN - GENERAL MAIN BUILDING	"	"
"	204	M05 MECHANICAL PLAN - AMMO BREAKDOWN & LATRINE BLDGS.	"	"
"	205	M06 SEQUENCE OF OPERATION AND SCHEDULE	"	"
"	206	M07 MECHANICAL DETAILS	"	"
"	207	M08 AIR HANDLER DETAILS	"	"
"	208	M09 SEQUENCE OF OPERATION & SCHEDULE FOR AAR	"	"
"	209	M10 SEQUENCE OF OPERATION & SCHEDULE FOR MAINT. VEH. STOR.	"	"
"	210	M11 SEQUENCE OF OPERATION & SCHEDULE FOR G.M.	"	"

SCR-6 NOT USED

SCR-7 CERTIFICATES OF COMPLIANCE:

Any certificates required for demonstrating proof of compliance of materials with specification requirements shall be executed in 3 copies. Each certificate shall be signed by an official authorized to certify in behalf of the manufacturing company and shall contain the name and address of the Contractor, the project name and location, and the quantity and date or dates of shipment or delivery to which the certificates apply. Copies of laboratory test reports submitted with certificates shall contain the name and address of the testing laboratory and the date or dates of the tests to which the report applies. Certification shall not be construed as relieving the Contractor from furnishing satisfactory material, if, after tests are performed on selected samples, the material is found not to meet the specific requirements.

SCR-8 SUBMITTALS: (ER 415-1-10, 30 May 1995)

Within 30 days after receipt of Notice to Proceed, the Contractor shall complete and submit to the Contracting Officer, in triplicate, submittal register ENG Form 4288 listing all submittals and dates. In addition to those items listed on ENG Form 4288, the Contractor shall furnish submittals for any deviation from the plans or specifications. The scheduled need dates must be recorded on the document for each item for control purposes. In preparing the document, adequate time (minimum of 30 days) shall be allowed for review and, only when stipulated, approval and possible resubmittal. Scheduling shall be coordinated with the approved progress schedule. The Contractor's Quality Control representative shall review the listing at least every 30 days and take appropriate action to maintain an effective system. Copies of updated or corrected listing shall be submitted to the Contracting Officer at least every 60 days in the quantity specified. Payment will not be made for any material or equipment that does not comply with contract requirements.

Section 01330 includes an ENG Form 4288 listing technical items the Contractor shall submit to the Contracting Officer, as indicated in the contract requirements.

SCR-9 IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY (APR 1984)
FAR 52.245-3):

AM #3...(a) The Government will furnish to the Contractor the property identified in the Schedule to be incorporated or installed into the work or used in performing the contract. The government furnished property is currently onsite and the Contractor shall verify its quantity and condition and acknowledge receipt in writing to the Contracting Officer. The Contractor shall also report in writing to the Contracting Officer within 24 hours of delivery any damage to or shortage of the property as received. All such property shall be installed or incorporated into the work at the expense of the Contractor, unless otherwise indicated in this contract....AM #3

(b) Each item of property to be furnished under this clause shall be identified in the Schedule by quantity, item, and description.

(1) Bailey Bridge

SCR-10 FORT WAINWRIGHT PHYSICAL DATA: (APR 1984)

Data and information furnished or referred to below are furnished for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

- (a) The indications of physical conditions on the drawings and in the specifications are the result of site investigation.
- (b) Location: Fort Wainwright is located adjacent to, and southeast of Fairbanks, Alaska.
- (c) Transportation:
 - (1) Water: Commercial cargo service is available from West Coast port cities of the mainland states to the Alaska ports of Anchorage, Valdez, Whittier and Seward.
 - (2) Truck: Truck service is available to Fairbanks from the port cities of Anchorage, Valdez, and Seward, Alaska, and from the 48 contiguous states over the Alaska Highway.
 - (3) Railroad: The Alaska Railroad offers freight service from the 48 contiguous states and Canada via rail barge and trainship through Whittier, and from Seward, to Anchorage and Fairbanks. In addition to the freight service, scheduled passenger service and express service between Anchorage and Fairbanks, and passenger service between Anchorage and Whittier are also available. Fairbanks (including Eielson AFB and Ft. Wainwright) is the northern terminus, and Seward and Whittier are the southern terminals of the Alaska Railroad.
 - (4) Air: Commercial airlines operate to Fairbanks, Alaska.
- (d) Communications: Telephone communications and services for the Contractor's use are the responsibility of the Contractor. The Contractor shall make all arrangements and payment for telephone service. Contact Alaska Communications Systems, 1-800-478-3081. The Government does not guarantee the adequacy or efficiency of the service or the number of telephones that can be assigned to the Contractor.
- (e) Weather Data: A Climatological Summary for Fort Wainwright is attached to the end of this section.

SCR-11 AVAILABILITY AND USE OF UTILITY SERVICES: (APR 1984) (FAR 52.236-14)

- (a) The Government shall make all reasonably required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the contract. Unless otherwise provided in the contract, the amount of each utility service consumed shall be charged to or paid for by the Contractor at prevailing rates charged to the Government or, where the utility is produced by the Government, at reasonable rates

determined by the Contracting Officer. The Contractor shall carefully conserve any utilities furnished without charge.

- (b) The Contractor, at its expense and in a workmanlike manner satisfactory to the Contracting Officer, shall install and maintain all necessary temporary connections and distribution lines, and all meters required to measure the amount of each utility used for the purpose of determining charges. Before final acceptance of the work by the Government, the Contractor shall remove all the temporary connections, distribution lines, meters, and associated paraphernalia.

SCR-12 IDENTIFICATION OF EMPLOYEES AND MILITARY REGULATIONS:

- (a) The Contractor shall be responsible for compliance with all regulations and orders of the Commanding Officer of the Military Installation, respecting identification of employees, movements on installation, parking, truck entry, and all other military regulations, which may affect the work.
- (b) The work under this contract is to be performed at an operating Military Installation with consequent restrictions on entry and movement of non-military personnel and equipment.

SCR-13 INSURANCE - WORK ON A GOVERNMENT INSTALLATION: (JAN 1997) (FAR 52.228-5)

- (a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the following kinds and minimum amounts of insurance:
 - (1) Workman's Compensation and Employers' Liability Insurance: \$100,000.00.
 - (2) General Liability Insurance: A Bodily Injury, Comprehensive policy which provides \$500,000.00 per occurrence.
 - (3) Automobile Liability Insurance: A comprehensive policy which provides \$200,000.00 per person and \$500,000.00 per occurrence for bodily injury and \$20,000.00 per occurrence for property damage, covering the operation of its automobiles used in connection with the performance of the contract.
 - (4) Aircraft Public and Passenger Liability Insurance: Where aircraft are used in connection with the performance of the contract; \$200,000.00 per person, \$500,000.00 per occurrence for bodily injury, other than passenger liability, and \$200,000.00 per occurrence for property damage; \$200,000.00 per person for passenger liability bodily injury aggregate equal to the total number of seats or number of passengers, whichever is greater.
 - (5) Vessel Collision Liability and Protection and Indemnity Liability Insurance: Where vessels are used in connection with the performance of the contract.

- (b) Before commencing the work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective (1) for such period as the laws of the State in which this contract is to be performed prescribe, or (2) until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required above. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

SCR-14 SPECIAL SAFETY REQUIREMENTS:

The Safety and Health Requirements Manual referenced in paragraph Accident Prevention of the Contract Clauses is amended as indicated below. Copies of the manual can be ordered from the Superintendent of Documents, Government Printing Office, Washington DC, phone 202-512-1800, FAX 202-512-2250.

- (a) Not used
- (b) Paragraph 05.A.01: Add new paragraph 05.A.01 d.
 - d. Employers shall make reasonable efforts to accommodate employees with religious beliefs that may conflict with PPE requirements. However, when reasonable efforts to accommodate the employee's religious beliefs do not provide the necessary safe working environment (without PPE), then the employer shall require the employee to use the appropriate PPE or the employee will not be allowed to work in the area where he/she will be exposed to a hazard requiring such protection.
- (c) Paragraph 16.C: Add new paragraphs 16.C.21 and 16.C.22.
 - (1) 16.C.21. During personnel handling operations, load and boom hoist drum brakes, swing brakes, and locking devices such as pawls or dogs shall be engaged when the occupied platform is in a stationary working position.
 - (2) 16.C.22. During personnel handling operations, the load hoist drum shall have a system or device on the power train other than the load hoist brake, which regulates the lowering rate of speed of the hoist mechanism (controlled load lowering). Free fall is prohibited.
- (d) Paragraph 21.A.15: Add new paragraph 21.A.15 d.
 - d. Standard guardrails shall be installed on all intermediate floors and roofs, including flat roof areas more than 1.8 meters above adjacent areas, during construction or rehabilitation of the buildings. The use of safety nets and safety belts with life lines may be substituted on pitched roofs.

SCR-15 NOT USED

SCR-16 LAYOUT OF WORK: (APR 1984) (FAR 52.236-17)

The Contractor shall lay out its work from Government established base lines and bench marks indicated on the drawings, and shall be responsible for all measurements in connection with the layout. The Contractor shall furnish, at its own expense, all stakes, templates, platforms, equipment, tools, materials, and labor required to lay out any part of the work. The Contractor shall be responsible for executing the work to the lines and grades that may be established or indicated by the Contracting Officer. The Contractor shall also be responsible for maintaining and preserving all stakes and other marks established by the Contracting Officer until authorized to remove them. If such marks are destroyed by the Contractor or through its negligence before their removal is authorized, the Contracting Officer may replace them and deduct the expense of the replacement from any amounts due or to become due the Contractor.

SCR-17 QUANTITY SURVEYS: (APR 1984) (FAR 52.236-16)

- (a) Quantity surveys shall be conducted, and the data derived from these surveys shall be used in computing the quantities of work performed and the actual construction completed and in place.
- (b) The Contractor shall conduct the original and final surveys and surveys for any periods for which progress payments are requested. All these surveys shall be conducted under the direction of a representative of the Contracting Officer, unless the Contracting Officer waives this requirement in a specific instance. The Government will make such computations as are necessary to determine the quantities of work performed or finally in place. The Contractor shall make the computations based on the surveys for any periods for which progress payments are requested.
- (c) Promptly upon completing a survey, the Contractor shall furnish the originals of all field notes and all other records relating to the survey or to the layout of the work to the Contracting Officer, who shall use them as necessary to determine the amount of progress payments. The Contractor shall retain copies of all such material furnished to the Contracting Officer.

SCR-18 THRU SCR-24 NOT USED

SCR-25 COMMUNICATION SECURITY:

All communications with DOD organizations are subject to COMSEC review. Contractor personnel shall be aware that telecommunications networks are continually subject to intercept by unfriendly intelligence organizations. The DOD has authorized the military departments to conduct COMSEC monitoring and recording of telephone calls originating from or terminating at DOD organizations. Therefore, civilian Contractor personnel are advised that any time they place a call to or receive a call from Alaska District offices or Resident Engineer offices located on military installations, they are subject to COMSEC procedures. The Contractor will assume the responsibility for ensuring wide and frequent dissemination of the above information to all employees dealing with official DOD information.

SCR-26 THRU SCR-28 NOT USED

SCR-29 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE: (1999 JUNE HQ
USACE)(EFARS 52.231-5000)

- (a) This statement shall become operative only for negotiated contracts where cost or pricing data is requested, and for modifications to sealed bid or negotiated contracts where cost or pricing is requested. This clause does not apply to terminations. See 52.231-5001, Basis for settlement of proposals, and FAR Part 49.
- (b) Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by a Contractor or subcontractor at any tier shall be based on actual cost data for each piece of equipment or groups of similar serial and series for which the Government can determine both ownership and operating costs from the Contractor's accounting records. When both ownership and operating costs cannot be determined for any piece of equipment or groups of similar serial or series equipment from the Contractor's accounting records, costs for that equipment shall be based upon the applicable provisions of EP 1110-1-8, Construction Equipment Ownership and Operating Expense Schedule, Region IX. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified otherwise by the Contracting Officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retroactive pricing, the schedule in effect at the time the work was performed shall apply. (Individual copies of the regional schedules are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Any schedule can be ordered by telephoning (202) 512-1800. The cost is \$26.00 each. Vol. 9 is stock no. 008-022-00292-8.)
- (c) Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(ii) and FAR 31.205-36. Rates for equipment rented from an organization under common control, lease-purchase arrangements, and sale-leaseback arrangements, will be determined using the schedule, except that actual rates will be used for equipment leased from an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated lessees.
- (d) When actual equipment costs are proposed and the total amount of the pricing action exceeds the small purchase threshold, the Contracting Officer shall request the Contractor to submit either certified cost or pricing data, or partial/limited data, as appropriate. The data shall be submitted on Standard Form 1411, Contract Pricing Proposal Cover Sheet.

SCR-30 THRU SCR-31 NOT USED

SCR-32 PRESERVATION OF HISTORICAL, ARCHEOLOGICAL AND CULTURAL RESOURCES:

- (a) Known historical, archeological and cultural resources within the Contractor's work area are designated on the contract drawings. The Contractor shall install protection for these resources as shown on the

drawings and shall be responsible for their preservation during the contract.

- (b) If, during construction activities, the Contractor observes items that might have historical or archeological value, such observations shall be reported immediately to the Contracting Officer so that the appropriate authorities may be notified and a determination can be made as to their significance and what, if any, special disposition of the finds should be made. The Contractor shall cease all activities that may result in the destruction of these resources and shall prevent its employees from trespassing on, removing, or otherwise damaging such resources.

SCR-33 THRU SCR-35 NOT USED

SCR-36 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER: (ER 415-1-15, 31 Oct 1989)

- (a) This provision specifies the procedure for determination of time extensions for unusually severe weather in accordance with the Contract Clause entitled "DEFAULT (FIXED PRICE CONSTRUCTION)". In order for the Contracting Officer to award a time extension under this clause, the following conditions must be satisfied:
- (1) The weather experienced at the project site during the contract period must be found to be unusually severe; that is, more severe than the adverse weather anticipated for the project location during any given month.
 - (2) The unusually severe weather must actually cause a delay to the completion of the project. The delay must be beyond the control and without the fault or negligence of the Contractor.
- (b) The following schedule of monthly anticipated adverse weather delays is based on National Oceanic and Atmospheric Administration (NOAA) or similar data for the project location and will constitute the base line for monthly weather time evaluations. The Contractor's progress schedule must reflect these anticipated adverse weather delays in all weather dependent activities.

Monthly Anticipated Adverse Weather Delay Work Days Based on a 5-Day Work Week

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
22	20	21	0	0	1	1	1	0	10	21	22

- (c) Upon acknowledgement of the Notice to Proceed and continuing throughout the contract, the Contractor shall record on the daily CQC report, the occurrence of adverse weather and the resultant impact to normally scheduled work. Actual adverse weather delays days must prevent work on critical activities for 50 percent or more of the Contractor's scheduled work day. The number of actual adverse weather days shall include days impacted by actual adverse weather (even if adverse weather occurred in previous month), be calculated chronologically from the first to the last day in each month, and be recorded as full days. If the number of actual adverse weather days exceeds the number of days anticipated in Paragraph 2, above, the Contracting Officer will convert any qualifying delays to calendar days, giving full consideration for

equivalent fair weather work days, and issue a modification in accordance with the Contract Clause entitled "DEFAULT (FIXED-PRICE CONSTRUCTION)".

SCR-37 NON DOMESTIC CONSTRUCTION MATERIALS: (OCT 1966) (FAR 25.202(a)(3))

The requirements of the clause of this contract entitled "Buy American Act-Construction Materials" do not apply to wire reinforced glass. (DEV.)

SCR-38 YEAR 2000 COMPLIANCE: (OCT 1997) (FAR 39.106)

In accordance with FAR 39.106, the Contractor shall ensure that with respect to any design, construction, goods, or services under this contract as well as any subsequent task/delivery orders issued under this contract (if applicable), all information technology contained therein shall be Year 2000 compliant. Specifically, the Contractor shall:

- (a) Perform, maintain, and provide an inventory of all major components to include structures, equipment, items, parts, and furnishings under this contract and each task/delivery order which may be affected by the Year 2000 compliance requirement.
- (b) Indicate whether each component is currently Year 2000 compliant or requires an upgrade for compliance prior to Government acceptance.

SCR-39 THRU SCR-44 NOT USED

SCR-45 SAFETY AND HEALTH REQUIREMENTS MANUAL, EM 385-1-1, U.S. ARMY CORPS OF ENGINEERS:

EM 385-1-1 and its changes are available at <http://www.hq.usace.army.mil> (at the HQ homepage, select Safety and Occupational Health).

The Contractor shall be responsible for complying with the current edition and all changes posted on the web (see web address above) as of the effective date of this solicitation and shall comply with the version in effect on the contract award date. This EM 385-1-1 shall remain in effect throughout the life of the contract.

SCR-46 THRU SCR-114 NOT USED

ATTACHMENT: CLIMATOLOGICAL SUMMARY

CLIMATOLOGICAL SUMMARY

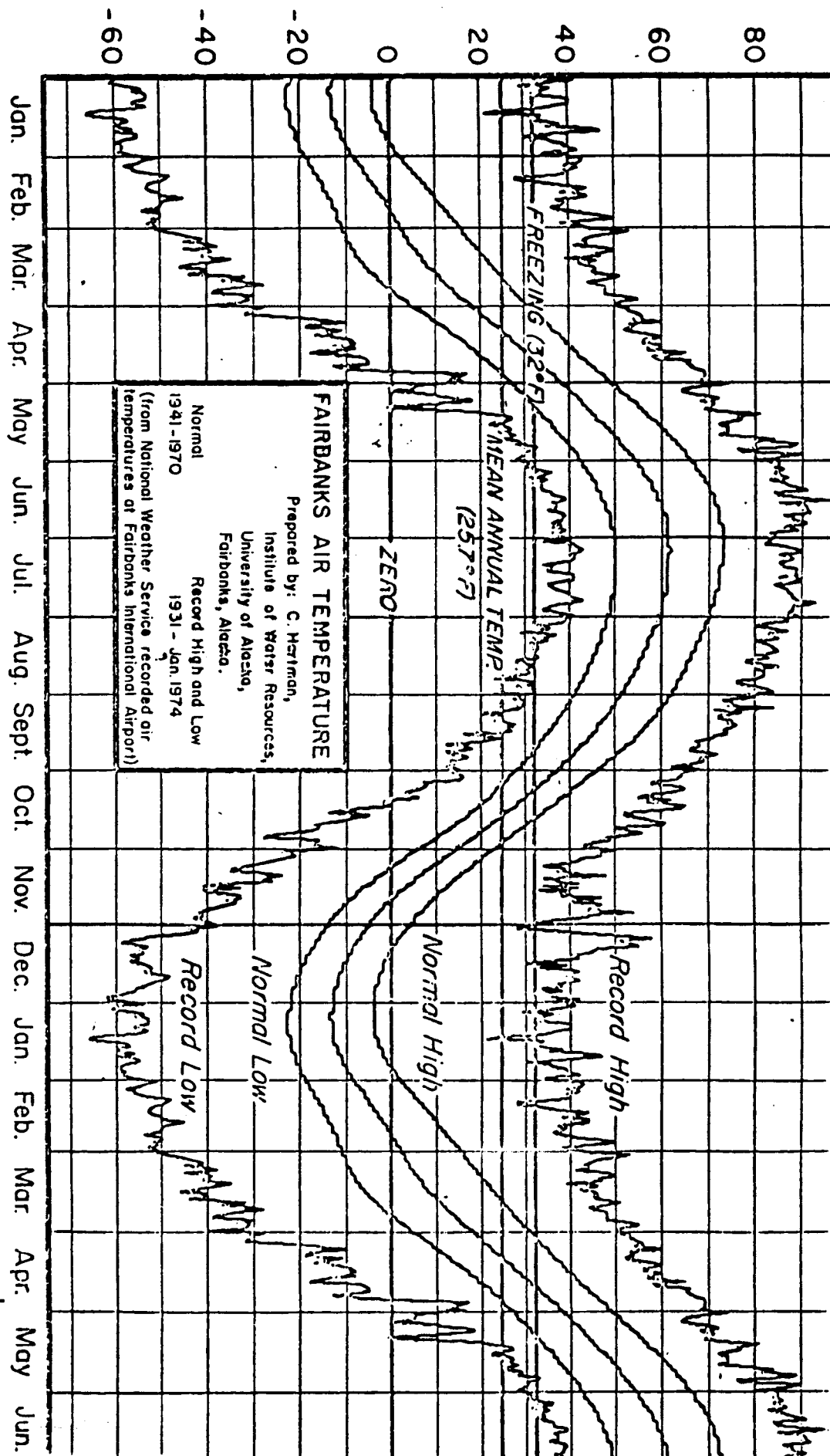
FT. WAINWRIGHT (Period of record exceeds 25 years)

MEANS AND EXTREMES FOR PERIOD OF RECORD

Temperature	Mean Annual	25.9° F	
	Highest Recorded	95.0° F	
	Lowest Recorded	-62.0° F	
	Maximum Freezing Index	6464 degree days (1950-51)	
	Maximum Thawing Index	3568 degree days (1953)	
Precipitation	Mean Annual	12.67"	
	Mean Annual Snowfall	41.8"	
	Maximum Monthly	4.31" July 1948	
	Maximum Monthly Mean	2.27" Aug	
	Maximum Rainfall During 24 hr Period	2.33" Aug	
	Maximum Snowfall During 24 hr Period	15.5" Jan	
	Maximum Monthly Snowfall	27.7" Dec 1955	
Wind	Mean Hourly Speed	4.6 mph	
	Prevailing Direction	ENE 7.2% (calm 32%)	
	Maximum Velocity	61 mph	
	Direction Maximum Velocity	SW	
Annual Mean Number of Days	Sunrise to Sunset	Clear	72
		Partly Cloudy	90
		Cloudy	203
		Precipitation 0.01 inch or more	101
		Snow, Sleet, or Hail 1.0 inch or more	19
		Heavy Fog 0 - 3/4 mile visibility for 3/4% of the time	
		Thunderstorms	5
	Max Temp	≡ 70°	46
		≡ 32°	157
	Min Temp	≡ 32°	229
		≡ Zero	123

NPA Form 3
AUG 1958

TEMPERATURE, °F



SECTION TABLE OF CONTENTS

DIVISION 01 - GENERAL REQUIREMENTS

SECTION 01271

MEASUREMENT, PAYMENT, AND CONTRACT COST BREAKDOWN

PART 1 GENERAL

1.1 MEASUREMENT

1.1.1 Lump Sum

1.1.2 Each

1.2 PAYMENT

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.1 CONTRACT COST BREAKDOWN

-- End of Section Table of Contents --

SECTION 01271

MEASUREMENT, PAYMENT, AND CONTRACT COST BREAKDOWN

PART 1 GENERAL

1.1 MEASUREMENT

1.1.1 Lump Sum

Each lump sum item will be measured for payment as a complete item.

AM #3...1.1.2 Each...**AM #3**

AM #3...Each item shall be measured by count, complete....**AM #3**

1.2 PAYMENT

Payment will be made at the contract unit price. The price for each item shall constitute full compensation for furnishing all labor, equipment, and materials, and performing all operations necessary to construct and complete the work in accordance with the specifications and drawings. Payment shall be considered as full compensation, notwithstanding that minor features of the work to complete the item may not be mentioned.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.1 CONTRACT COST BREAKDOWN

The Contractor shall furnish within 30 days after the date of Notice to Proceed, and prior to the submission of its first partial payment estimate, a breakdown of its lump-sum pay item or items which will be reviewed by the Contracting Officer as to propriety of distribution of the total cost to the various accounts. Any unbalanced items as between early and late payment items or other discrepancies will be revised by the Contracting Officer to agree with a reasonable cost of the work included in the various items. This contract cost breakdown will then be utilized as the basis for progress payments to the Contractor.

-- End of Section --

SECTION TABLE OF CONTENTS

DIVISION 01 - GENERAL REQUIREMENTS

SECTION 01356A

STORM WATER POLLUTION PREVENTION MEASURES

PART 1 GENERAL

- 1.1 REFERENCES
- 1.2 GENERAL
- 1.3 SUBMITTALS
- 1.4 EROSION AND SEDIMENT CONTROLS
 - 1.4.1 Stabilization Practices
 - 1.4.1.1 Unsuitable Conditions
 - 1.4.1.2 No Activity for Less Than 21 Days
 - 1.4.2 Structural Practices
 - 1.4.2.1 Silt Fences
 - 1.4.2.2 Diversion Dikes
 - 1.4.2.3 Other Structural Practices

AM#3... 1.5 NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM(NPDES) ...AM#3
PART 2 PRODUCTS

- 2.1 COMPONENTS FOR SILT FENCES
 - 2.1.1 Filter Fabric
 - 2.1.2 Silt Fence Stakes and Posts
 - 2.1.3 Mill Certificate or Affidavit
 - 2.1.4 Identification Storage and Handling

PART 3 EXECUTION

- 3.1 INSTALLATION OF SILT FENCES
- 3.2 MAINTENANCE
 - 3.2.1 Silt Fence Maintenance
 - 3.2.2 Diversion Dike Maintenance
- 3.3 INSPECTIONS
 - 3.3.1 General
 - 3.3.2 Inspections Details
 - 3.3.3 Inspection Reports

-- End of Section Table of Contents --

SECTION 01356A

STORM WATER POLLUTION PREVENTION MEASURES

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 4439	(1997) Standard Terminology for Geosynthetics
ASTM D 4491	(1996) Water Permeability of Geotextiles by Permittivity
ASTM D 4533	(1991; R 1996) Trapezoid Tearing Strength of Geotextiles
ASTM D 4632	(1991; R 1996)) Grab Breaking Load and Elongation of Geotextiles
ASTM D 4751	(1995) Determining Apparent Opening Size of a Geotextile
ASTM D 4873	(1995) Identification, Storage, and Handling of Geosynthetic Rolls
Alaska Department of Transportation and Public Facilities	ALASKA STORM WATER POLLUTION PREVENTION PLAN GUIDE

1.2 GENERAL

The Contractor shall implement the storm water pollution prevention measures specified in this section in a manner which will meet the requirements of Section 01355A ENVIRONMENTAL PROTECTION, and the requirements of the National Pollution Discharge Elimination System (NPDES) permit attached to that Section.

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-07 Certificates
AM#3... SD-05 Design Data
Storm Water Pollution Prevention Plan (SWPPP); G
Notice of Intent for Storm Water Discharge (NOI); G

Description of the Project; G

Notice of Termination of Coverage (NOT); G ...AM#3
Mill Certificate or Affidavit

Certificate attesting that the Contractor has met all specified requirements.

1.4 EROSION AND SEDIMENT CONTROLS

The controls and measures required by the Contractor are described below.

1.4.1 Stabilization Practices

The stabilization practices to be implemented shall include temporary seeding, mulching, geotextiles, preservation of mature vegetation, etc. On his daily CQC Report, the Contractor shall record the dates when the major grading activities occur, (e.g., clearing and grubbing, excavation, embankment, and grading); when construction activities temporarily or permanently cease on a portion of the site; and when stabilization practices are initiated. Except as provided in paragraphs UNSUITABLE CONDITIONS and NO ACTIVITY FOR LESS THAN 21 DAYS, stabilization practices shall be initiated as soon as practicable, but no more than 14 days, in any portion of the site where construction activities have temporarily or permanently ceased.

1.4.1.1 Unsuitable Conditions

Where the initiation of stabilization measures by the fourteenth day after construction activity temporarily or permanently ceases is precluded by unsuitable conditions caused by the weather, stabilization practices shall be initiated as soon as practicable after conditions become suitable.

1.4.1.2 No Activity for Less Than 21 Days

Where construction activity will resume on a portion of the site within 21 days from when activities ceased (e.g., the total time period that construction activity is temporarily ceased is less than 21 days), then stabilization practices do not have to be initiated on that portion of the site by the fourteenth day after construction activity temporarily ceased.

1.4.2 Structural Practices

Structural practices shall be implemented to divert flows from exposed soils, temporarily store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Structural practices shall be implemented in a timely manner during the construction process to minimize erosion and sediment runoff. Structural practices shall include the following devices. Typical Location and details of installation and construction are shown on the drawings.

1.4.2.1 Silt Fences

The Contractor shall provide silt fences as a temporary structural practice to minimize erosion and sediment runoff. Silt fences shall be properly installed to effectively retain sediment immediately after completing each phase of work where erosion would occur in the form of sheet and rill erosion (e.g. clearing and grubbing, excavation, embankment, and grading). Silt fences shall be installed in the

locations indicated on the drawings. Final removal of silt fence barriers shall be upon approval by the Contracting Officer.

1.4.2.2 Diversion Dikes

Diversion dikes shall have a maximum channel slope of 2 percent and shall be adequately compacted to prevent failure. The minimum height measured from the top of the dike to the bottom of the channel shall be 0.5 m. The minimum base width shall be 1.8 m and the minimum top width shall be 0.6 m.

The Contractor shall ensure that the diversion dikes are not damaged by construction operations or traffic. Diversion dikes shall be located as required.

1.4.2.3 Other Structural Practices

The following structures may also be utilized to help divert flows from exposed surfaces.

- a. Transverse Levees - To divert surface flow from graded surfaces.
- b. Let-Down Structures - Used to drop flow down a slope.
- c. Ditch Checks - Constructed from any one or a combination of the following; straw, logs, rocks, slash, filter cloth, free draining material, rip rap, or chipped timber and brush. Used in channels for velocity and/or sediment control.
- d. Rock Aprons - Fan-shaped rock structure placed on a slope to drop and spread flow.
- e. Mulch - Local timber and brush may be chipped and used as mulch in erosion-prone areas.

AM#3...

1.5 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

Work shall comply with EPA NPDES General Permit. Reference website at <http://cfpub.epa.gov/npdes/stormwater/cgp.cfm> for permit, required forms, and guidance documents

- 1.5.1 Storm Water Pollution Prevention Plan (SWPPP) Storm Water Pollution Prevention Plan (SWPPP) in accordance with the Environmental Protection Agency's NPDES General Permits for Storm Water Discharge from Construction Activities published in the Federal Register July 1, 2003, pages 39087 - 39091. The Contractor is also responsible for compliance with any updates and changes to this permit. The Contracting Officer will retain authority assigned therein to the State. The SWPP shall be submitted to the Contracting Officer for review and approval.
- 1.5.2 Notice of Intent for Storm Water Discharge (NOI) The Contractor shall complete EPA Form 3510-9, Notice of Intent for Storm Water Discharges Associated with Construction Activity Under a NPDES General Permit, in accordance with EPA instructions and requirements. The contractor shall be responsible for determining the proper coordinates to use on Form 3510-9 and entering those coordinates in the right format. The Contractor shall complete the form, and submit it, along

with the SWPPP, a one page description of the project, a copy of the Civil Drawings, and prepaid mailing envelopes for the whole package, one addressed to the NPDES Program Director and the other addressed to the Alaska Department of Environmental Conservation, to the Contracting Officer for review

- 1.5.3 ~~Filing~~ Upon receipt of satisfactory submittal from the Contractor, the Resident Engineer will promptly complete a separate 3510-9, for the Government, and forward both the Contractor-prepared and Resident Engineer-prepared forms to the NPDES Program Director. In accordance with applicable requirements, no onsite work shall be performed until two days after the documents have been post marked, notwithstanding any other provisions of the contract. The Government will forward copies of both Form 3510-9's, along with the SWPPP, the one-page project description, and civil drawings to the Alaska Department of Environmental Conservation (ADEC) in accordance with State of Alaska regulations. The Contractor shall pay all fees required for review in accordance with 18 AAC 72.
- 1.5.4 Notice of Termination of Coverage (NOT) Upon completion of work at the project site, the Contractor shall prepare EPA Form 3510-13, Notice of Termination of Coverage Under the NPDES General Permit for Storm Water Discharges Associated with Industrial Activity, in accordance with the regulations stated on the form. The completed form and prepaid mailing envelopes shall be submitted to the Contracting Officer within 10 days after the earliest date that final site conditions meet filing requirements. The Resident Engineer will promptly complete a separate 3510-13 for the Government. The Government will forward both forms to the NPDES Program Director. ...AM#3

PART 2 PRODUCTS

2.1 COMPONENTS FOR SILT FENCES

2.1.1 Filter Fabric

The geotextile shall comply with the requirements of ASTM D 4439, and shall consist of polymeric filaments which are formed into a stable network such that filaments retain their relative positions. The filament shall consist of a long-chain synthetic polymer composed of at least 85 percent by weight of ester, propylene, or amide, and shall contain stabilizers and/or inhibitors added to the base plastic to make the filaments resistance to deterioration due to ultraviolet and heat exposure. Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of six months of expected usable construction life at a temperature range of -18 to 49 degrees C. The filter fabric shall meet the following requirements:

FILTER FABRIC FOR SILT SCREEN FENCE

PHYSICAL PROPERTY	TEST PROCEDURE	STRENGTH REQUIREMENT
Grab Tensile	ASTM D 4632	445 N min.
Elongation (%)		30 % max.

FILTER FABRIC FOR SILT SCREEN FENCE

PHYSICAL PROPERTY	TEST PROCEDURE	STRENGTH REQUIREMENT
Trapezoid Tear	ASTM D 4533	245 N min.
Permittivity	ASTM D 4491	0.2 sec-1
AOS (U.S. Std Sieve)	ASTM D 4751	20-100

2.1.2 Silt Fence Stakes and Posts

The Contractor may use either wooden stakes or steel posts for fence construction. Wooden stakes utilized for silt fence construction, shall have a minimum cross section of 50 mm by 50 mm when oak is used and 100 mm by 100 mm when pine is used, and shall have a minimum length of 1.5 m.

Steel posts (standard "U" or "T" section) utilized for silt fence construction, shall have a minimum mass of 1.98 kg per linear meter and a minimum length of 1.5 m.

2.1.3 Mill Certificate or Affidavit

A mill certificate or affidavit shall be provided attesting that the fabric and factory seams meet chemical, physical, and manufacturing requirements specified above. The mill certificate or affidavit shall specify the actual Minimum Average Roll Values and shall identify the fabric supplied by roll identification numbers. The Contractor shall submit a mill certificate or affidavit signed by a legally authorized official from the company manufacturing the filter fabric.

2.1.4 Identification Storage and Handling

Filter fabric shall be identified, stored and handled in accordance with ASTM D 4873.

PART 3 EXECUTION

3.1 INSTALLATION OF SILT FENCES

Silt fences shall extend a minimum of 400 mm above the ground surface and shall not exceed 860 mm above the ground surface. Filter fabric shall be from a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are unavoidable, filter fabric shall be spliced together at a support post, with a minimum 150 mm overlap, and securely sealed. A trench shall be excavated approximately 100 mm wide and 100 mm deep on the upslope side of the location of the silt fence. The 100 mm by 100 mm trench shall be backfilled and the soil compacted over the filter fabric. Silt fences shall be removed upon approval by the Contracting Officer.

3.2 MAINTENANCE

The Contractor shall maintain the temporary and permanent vegetation, erosion and sediment control measures, and other protective measures in good and effective operating condition by performing routine inspections to determine condition and effectiveness, by restoration of destroyed vegetative cover, and by repair of erosion and sediment control measures and other protective measures. The following procedures shall be

followed to maintain the protective measures.

3.2.1 Silt Fence Maintenance

Silt fences shall be inspected in accordance with paragraph INSPECTIONS.

Any required repairs shall be made promptly. Close attention shall be paid to the repair of damaged silt fence resulting from end runs and undercutting. Should the fabric on a silt fence decompose or become ineffective, and the barrier is still necessary, the fabric shall be replaced promptly. Sediment deposits shall be removed when deposits reach one-third of the height of the barrier. When a silt fence is no longer required, it shall be removed. The immediate area occupied by the fence and any sediment deposits shall be shaped to an acceptable grade. The areas disturbed by this shaping shall receive erosion control if required by Section 02370a EROSION CONTROL.

3.2.2 Diversion Dike Maintenance

Diversion dikes shall be inspected in accordance with paragraph INSPECTIONS. Close attention shall be paid to the repair of damaged diversion dikes and necessary repairs shall be accomplished promptly. When diversion dikes are no longer required, they shall be shaped to an acceptable grade.

3.3 INSPECTIONS

3.3.1 General

The Contractor shall inspect disturbed areas of the construction site, areas used for storage of materials that are exposed to precipitation that have not been finally stabilized, stabilization practices, structural practices, other controls, and area where vehicles exit the site at least once every seven (7) calendar days and within 24 hours of the end of any storm that produces 13 mm or more rainfall at the site. Where sites have been finally stabilized, such inspection shall be conducted at least once every month.

3.3.2 Inspections Details

Disturbed areas and areas used for material storage that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the Storm Water Pollution Prevention Plan shall be observed to ensure that they are operating correctly. Discharge locations or points shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles exit the site shall be inspected for evidence of offsite sediment tracking.

3.3.3 Inspection Reports

For each inspection conducted, the Contractor shall prepare a report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of the Storm Water Pollution Prevention Plan, maintenance performed, and actions taken. The report shall be furnished to the Contracting Officer within 24 hours of the inspection as a part of the Contractor's daily CQC REPORT. A copy of the inspection report shall be maintained on the job site.

-- End of Section --

AM#3...CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM

FACILITY DESCRIPTION _____

BUILDING NUMBER: _____

CORPS OF ENGINEERS CONTRACT NUMBER: _____

CONTRACTOR

CONTRACTOR: _____

ADDRESS: _____

POINT OF CONTACT: _____

TELEPHONE NUMBER: _____

OWNER

OWNER: _____

ADDRESS: _____

POINT OF CONTACT: _____

TELEPHONE NUMBER: _____

CONSTRUCTION AGENT

CONSTRUCTION AGENT: _____

ADDRESS: _____

POINT OF CONTACT: _____

TELEPHONE NUMBER: _____

CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM
(continued)

THE SSSMR SYSTEM INSTALLED ON THE ABOVE NAMED BUILDING IS WARRANTED BY
FOR A PERIOD OF FIVE (5) YEARS AGAINST
WORKMANSHIP AND MATERIAL DEFICIENCIES, WIND DAMAGE, STRUCTURAL FAILURE, AND
LEAKAGE. THE SSSMR SYSTEM COVERED UNDER THIS WARRANTY SHALL INCLUDE, BUT
SHALL NOT BE LIMITED TO THE FOLLOWING: THE ENTIRE ROOFING SYSTEM,
MANUFACTURER SUPPLIED FRAMING AND STRUCTURAL MEMBERS, METAL ROOF PANELS,
FASTENERS, CONNECTORS, ROOF SECUREMENT COMPONENTS, AND ASSEMBLIES TESTED
AND APPROVED IN ACCORDANCE WITH ASTM E 1592. IN ADDITION, THE SYSTEM
PANEL FINISHES, SLIP SHEET, INSULATION, VAPOR RETARDER, ALL ACCESSORIES,
COMPONENTS, AND TRIM AND ALL CONNECTIONS ARE INCLUDED. THIS INCLUDES ROOF
PENETRATION ITEMS SUCH AS VENTS, CURBS, SKYLIGHTS; INTERIOR OR EXTERIOR
GUTTERS AND DOWNSPOUTS; EAVES, RIDGE, HIP, VALLEY, RAKE, GABLE, WALL, OR
OTHER ROOF SYSTEM FLASHINGS INSTALLED AND ANY OTHER COMPONENTS SPECIFIED
WITHIN THIS CONTRACT TO PROVIDE A WEATHERTIGHT ROOF SYSTEM; AND ITEMS
SPECIFIED IN OTHER SECTIONS OF THE SPECIFICATIONS THAT ARE PART OF THE
SSSMR SYSTEM.

ALL MATERIAL DEFICIENCIES, WIND DAMAGE, STRUCTURAL FAILURE, AND LEAKAGE
ASSOCIATED WITH THE SSSMR SYSTEM COVERED UNDER THIS WARRANTY SHALL BE
REPAIRED AS APPROVED BY THE CONTRACTING OFFICER. THIS WARRANTY SHALL
COVER THE ENTIRE COST OF REPAIR OR REPLACEMENT, INCLUDING ALL MATERIAL,
LABOR, AND RELATED MARKUPS. THE ABOVE REFERENCED WARRANTY COMMENCED ON
THE DATE OF FINAL ACCEPTANCE ON _____ AND WILL
REMAIN IN EFFECT FOR STATED DURATION FROM THIS DATE.

SIGNED, DATED, AND NOTARIZED (BY COMPANY PRESIDENT)

(Company President)

(Date)

CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM
(continued)

THE CONTRACTOR SHALL SUPPLEMENT THIS WARRANTY WITH WRITTEN WARRANTIES FROM THE MANUFACTURER AND/OR INSTALLER OF THE SSSMR SYSTEM, WHICH SHALL BE SUBMITTED ALONG WITH THE CONTRACTOR'S WARRANTY. HOWEVER, THE CONTRACTOR WILL BE ULTIMATELY RESPONSIBLE FOR THIS WARRANTY AS OUTLINED IN THE SPECIFICATIONS AND AS INDICATED IN THIS WARRANTY EXAMPLE.

EXCLUSIONS FROM COVERAGE

1. NATURAL DISASTERS, ACTS OF GOD (LIGHTNING, FIRE, EXPLOSIONS, SUSTAINED WIND FORCES IN EXCESS OF THE DESIGN CRITERIA, EARTHQUAKES, AND HAIL).
2. ACTS OF NEGLIGENCE OR ABUSE OR MISUSE BY GOVERNMENT OR OTHER PERSONNEL, INCLUDING ACCIDENTS, VANDALISM, CIVIL DISOBEDIENCE, WAR, OR DAMAGE CAUSED BY FALLING OBJECTS.
3. DAMAGE BY STRUCTURAL FAILURE, SETTLEMENT, MOVEMENT, DISTORTION, WARPAGE, OR DISPLACEMENT OF THE BUILDING STRUCTURE OR ALTERATIONS MADE TO THE BUILDING.
4. CORROSION CAUSED BY EXPOSURE TO CORROSIVE CHEMICALS, ASH OR FUMES GENERATED OR RELEASED INSIDE OR OUTSIDE THE BUILDING FROM CHEMICAL PLANTS, FOUNDRIES, PLATING WORKS, KILNS, FERTILIZER FACTORIES, PAPER PLANTS, AND THE LIKE.
5. FAILURE OF ANY PART OF THE SSSMR SYSTEM DUE TO ACTIONS BY THE OWNER TO INHIBIT FREE DRAINAGE OF WATER FROM THE ROOF AND GUTTERS AND DOWNSPOUTS OR ALLOW PONDING WATER TO COLLECT ON THE ROOF SURFACE. CONTRACTOR'S DESIGN SHALL INSURE FREE DRAINAGE FROM THE ROOF AND NOT ALLOW PONDING WATER.
6. THIS WARRANTY APPLIES TO THE SSSMR SYSTEM. IT DOES NOT INCLUDE ANY CONSEQUENTIAL DAMAGE TO THE BUILDING INTERIOR OR CONTENTS WHICH IS COVERED BY THE WARRANTY OF CONSTRUCTION CLAUSE INCLUDED IN THE CONTRACT.
7. THIS WARRANTY CANNOT BE TRANSFERRED TO ANOTHER OWNER WITHOUT WRITTEN CONSENT OF THE CONTRACTOR; AND THIS WARRANTY AND THE CONTRACT PROVISIONS WILL TAKE PRECEDENCE OVER ANY CONFLICTS WITH STATE STATUTES.

**

CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM
(continued)

**REPORTS OF LEAKS AND SSSMR SYSTEM DEFICIENCIES SHALL BE RESPONDED TO WITHIN 48 HOURS OF RECEIPT OF NOTICE BY TELEPHONE OR IN WRITING, FROM EITHER THE OWNER OR CONTRACTING OFFICER. EMERGENCY REPAIRS TO PREVENT FURTHER ROOF LEAKS SHALL BE INITIATED IMMEDIATELY; A WRITTEN PLAN SHALL BE SUBMITTED FOR APPROVAL TO REPAIR OR REPLACE THIS SSSMR SYSTEM WITHIN SEVEN (7) CALENDAR DAYS. ACTUAL WORK FOR PERMANENT REPAIRS OR REPLACEMENT SHALL BE STARTED WITHIN 30 DAYS AFTER RECEIPT OF NOTICE, AND COMPLETED WITHIN A REASONABLE TIME FRAME. IF THE CONTRACTOR FAILS TO ADEQUATELY RESPOND TO THE WARRANTY PROVISIONS, AS STATED IN THE CONTRACT AND AS CONTAINED HEREIN, THE CONTRACTING OFFICER MAY HAVE THE SSSMR SYSTEM REPAIRED OR REPLACED BY OTHERS AND CHARGE THE COST TO THE CONTRACTOR.

IN THE EVENT THE CONTRACTOR DISPUTES THE EXISTENCE OF A WARRANTABLE DEFECT, THE CONTRACTOR MAY CHALLENGE THE OWNER'S DEMAND FOR REPAIRS AND/OR REPLACEMENT DIRECTED BY THE OWNER OR CONTRACTING OFFICER EITHER BY REQUESTING A CONTRACTING OFFICER'S DECISION UNDER THE CONTRACT DISPUTES ACT, OR BY REQUESTING THAT AN ARBITRATOR RESOLVE THE ISSUE. THE REQUEST FOR AN ARBITRATOR MUST BE MADE WITHIN 48 HOURS OF BEING NOTIFIED OF THE DISPUTED DEFECTS. UPON BEING INVOKED, THE PARTIES SHALL, WITHIN TEN (10) DAYS, JOINTLY REQUEST A LIST OF FIVE (5) ARBITRATORS FROM THE FEDERAL MEDIATION AND CONCILIATION SERVICE. THE PARTIES SHALL CONFER WITHIN TEN (10) DAYS AFTER RECEIPT OF THE LIST TO SEEK AGREEMENT ON AN ARBITRATOR. IF THE PARTIES CANNOT AGREE ON AN ARBITRATOR, THE CONTRACTING OFFICER AND THE PRESIDENT OF THE CONTRACTOR'S COMPANY WILL STRIKE ONE (1) NAME FROM THE LIST ALTERNATIVELY UNTIL ONE (1) NAME REMAINS. THE REMAINING PERSON SHALL BE THE DULY SELECTED ARBITRATOR. THE COSTS OF THE ARBITRATION, INCLUDING THE ARBITRATOR'S FEE AND EXPENSES, COURT REPORTER, COURTROOM OR SITE SELECTED, ETC., SHALL BE BORNE EQUALLY BETWEEN THE PARTIES. EITHER PARTY DESIRING A COPY OF THE TRANSCRIPT SHALL PAY FOR THE TRANSCRIPT. A HEARING WILL BE HELD AS SOON AS THE PARTIES CAN MUTUALLY AGREE. A WRITTEN ARBITRATOR'S DECISION WILL BE REQUESTED NOT LATER THAN 30 DAYS FOLLOWING THE HEARING. THE DECISION OF THE ARBITRATOR WILL NOT BE BINDING; HOWEVER, IT WILL BE ADMISSIBLE IN ANY SUBSEQUENT APPEAL UNDER THE CONTRACT DISPUTES ACT.

A FRAMED COPY OF THIS WARRANTY SHALL BE POSTED IN THE MECHANICAL ROOM OR OTHER APPROVED LOCATION DURING THE ENTIRE WARRANTY PERIOD.

...AM#3

-- End of Section --

AMENDMENT 0003

PLATOON BATTLE COURSE

YTA001

AM#3... CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
METAL BUILDING SYSTEM

FACILITY
DESCRIPTION: _____

BUILDING
NUMBER: _____

CORPS OF ENGINEERS CONTRACT
NUMBER: _____

CONTRACTOR

CONTRACTOR: _____
ADDRESS: _____

POINT OF
CONTACT: _____

TELEPHONE
NUMBER: _____

OWNER: _____

ADDRESS: _____

POINT OF
CONTACT: _____

TELEPHONE
NUMBER: _____

CONSTRUCTION AGENT

CONSTRUCTION
AGENT: _____
ADDRESS: _____

POINT OF
CONTACT: _____

TELEPHONE
NUMBER: _____

CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
METAL BUILDING SYSTEM
(continued)

THE METAL BUILDING SYSTEM INSTALLED IN THE ABOVE NAMED BUILDING IS WARRANTED BY _____ FOR A PERIOD OF FIVE (5) YEARS AGAINST WORKMANSHIP AND MATERIAL DEFICIENCIES, WIND DAMAGE AND STRUCTURAL FAILURE WITHIN PROJECT SPECIFIED DESIGN LOADS, AND LEAKAGE. THE METAL BUILDING SYSTEM COVERED UNDER THIS WARRANTY SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, THE FOLLOWING: FRAMING AND STRUCTURAL MEMBERS, ROOFING AND SIDING PANELS AND SEAMS, INTERIOR OR EXTERIOR GUTTERS AND DOWNSPOUTS, ACCESSORIES, TRIM, FLASHINGS AND MISCELLANEOUS BUILDING CLOSURE ITEMS SUCH AS DOORS AND WINDOWS (WHEN FURNISHED BY THE MANUFACTURER), CONNECTORS, COMPONENTS, AND FASTENERS, AND OTHER SYSTEM COMPONENTS AND ASSEMBLIES INSTALLED TO PROVIDE A WEATHERTIGHT SYSTEM; AND ITEMS SPECIFIED IN OTHER SECTIONS OF THESE SPECIFICATIONS THAT BECOME PART OF THE METAL BUILDING SYSTEM. ALL MATERIAL AND WORKMANSHIP DEFICIENCIES, SYSTEM DETERIORATION CAUSED BY EXPOSURE TO THE ELEMENTS AND/OR INADEQUATE RESISTANCE TO SPECIFIED SERVICE DESIGN LOADS, WATER LEAKS AND WIND UPLIFT DAMAGE SHALL BE REPAIRED AS APPROVED BY THE CONTRACTING OFFICER

ALL MATERIAL DEFICIENCIES, WIND DAMAGE, STRUCTURAL FAILURE AND LEAKAGE ASSOCIATED WITH THE METAL BUILDING SYSTEM COVERED UNDER THIS WARRANTY SHALL BE REPAIRED AS APPROVED BY THE CONTRACTING OFFICER. THIS WARRANTY SHALL COVER THE ENTIRE COST OF REPAIR OR REPLACEMENT, INCLUDING ALL MATERIAL, LABOR, AND RELATED MARKUPS. THE ABOVE REFERENCED WARRANTY COMMENCED ON THE DATE OF FINAL ACCEPTANCE ON _____ AND WILL REMAIN IN EFFECT FOR STATED DURATION FROM THIS DATE.

SIGNED, DATED, AND NOTARIZED (BY COMPANY PRESIDENT)

(Company President)

(Date)

CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
METAL BUILDING SYSTEM
(continued)

THE CONTRACTOR SHALL SUPPLEMENT THIS WARRANTY WITH WRITTEN WARRANTIES FROM THE MANUFACTURER AND/OR INSTALLER OF THE METAL BUILDING SYSTEM, WHICH SHALL BE SUBMITTED ALONG WITH THE CONTRACTOR'S WARRANTY. HOWEVER, THE CONTRACTOR WILL BE ULTIMATELY RESPONSIBLE FOR THIS WARRANTY AS OUTLINED IN THE SPECIFICATIONS AND AS INDICATED IN THIS WARRANTY.

EXCLUSIONS FROM COVERAGE

1. NATURAL DISASTERS, ACTS OF GOD (LIGHTNING, FIRE, EXPLOSIONS, SUSTAINED WIND FORCES IN EXCESS OF THE DESIGN CRITERIA, EARTHQUAKES, AND HAIL).
2. ACTS OF NEGLIGENCE OR ABUSE OR MISUSE BY GOVERNMENT OR OTHER PERSONNEL, INCLUDING ACCIDENTS, VANDALISM, CIVIL DISOBEDIENCE, WAR, OR DAMAGE CAUSED BY FALLING OBJECTS.
3. DAMAGE BY STRUCTURAL FAILURE, SETTLEMENT, MOVEMENT, DISTORTION, WARPAGE, OR DISPLACEMENT OF THE BUILDING STRUCTURE OR ALTERATIONS MADE TO THE BUILDING.
4. CORROSION CAUSED BY EXPOSURE TO CORROSIVE CHEMICALS, ASH OR FUMES GENERATED OR RELEASED INSIDE OR OUTSIDE THE BUILDING FROM CHEMICAL PLANTS, FOUNDRIES, PLATING WORKS, KILNS, FERTILIZER FACTORIES, PAPER PLANTS, AND THE LIKE.
5. FAILURE OF ANY PART OF THE BUILDING SYSTEM DUE TO ACTIONS BY THE OWNER WHICH INHIBIT FREE DRAINAGE FROM THE ROOF, AND GUTTERS AND DOWNSPOUTS; OR CONDITIONS WHICH CREATE PONDING WATER ON THE ROOF OR AGAINST THE BUILDING SIDING.
6. THIS WARRANTY APPLIES TO THE METAL BUILDING SYSTEM. IT DOES NOT INCLUDE ANY CONSEQUENTIAL DAMAGE TO THE BUILDING INTERIOR OR CONTENTS WHICH IS COVERED BY THE WARRANTY OF CONSTRUCTION CLAUSE INCLUDED IN THIS CONTRACT.
7. THIS WARRANTY CANNOT BE TRANSFERRED TO ANOTHER OWNER WITHOUT WRITTEN CONSENT OF THE CONTRACTOR AND THIS WARRANTY AND THE CONTRACT PROVISIONS WILL TAKE PRECEDENCE OVER ANY CONFLICTS WITH STATE STATUTES. REPORTS OF LEAKS AND BUILDING SYSTEM DEFICIENCIES SHALL BE RESPONDED TO WITHIN 48 HOURS OF RECEIPT OF NOTICE BY TELEPHONE OR IN WRITING FROM EITHER THE OWNER, OR CONTRACTING OFFICER. EMERGENCY REPAIRS, TO PREVENT FURTHER ROOF LEAKS, SHALL BE INITIATED IMMEDIATELY. A WRITTEN PLAN SHALL BE SUBMITTED FOR APPROVAL TO REPAIR OR REPLACE THIS SSSMR SYSTEM WITHIN SEVEN CALENDAR DAYS. ACTUAL WORK FOR PERMANENT REPAIRS OR REPLACEMENT SHALL BE STARTED WITHIN 30 DAYS AFTER RECEIPT OF NOTICE, AND COMPLETED WITHIN A REASONABLE TIME FRAME. IF THE CONTRACTOR FAILS TO ADEQUATELY RESPOND TO THE WARRANTY PROVISIONS, AS STATED

CONTRACTOR'S FIVE (5) YEAR NO PENAL SUM WARRANTY
FOR
METAL BUILDING SYSTEM
(Exclusions from Coverage Continued)

IN THE CONTRACT AND AS CONTAINED HEREIN, THE CONTRACTING OFFICER MAY HAVE THE METAL BUILDING SYSTEM REPLACED OR REPAIRED BY OTHERS AND CHARGE THE COST TO THE CONTRACTOR. IN THE EVENT THE CONTRACTOR DISPUTES THE EXISTENCE OF A WARRANTABLE DEFECT, THE CONTRACTOR MAY CHALLENGE THE OWNER'S DEMAND FOR REPAIRS AND/OR REPLACEMENT DIRECTED BY THE OWNER OR CONTRACTING OFFICER EITHER BY REQUESTING A CONTRACTING OFFICER'S DECISION, UNDER THE CONTRACT DISPUTES ACT, OR BY REQUESTING THAT AN ARBITRATOR RESOLVE THE ISSUE. THE REQUEST FOR AN ARBITRATOR MUST BE MADE WITHIN 48 HOURS OF BEING NOTIFIED OF THE DISPUTED DEFECTS. UPON BEING INVOKED THE PARTIES SHALL, WITHIN 10 DAYS JOINTLY REQUEST A LIST OF FIVE (5) ARBITRATORS FROM THE FEDERAL MEDIATION AND CONCILIATION SERVICE. THE PARTIES SHALL CONFER WITHIN 10 DAYS AFTER RECEIPT OF THE LIST TO SEEK AGREEMENT ON AN ARBITRATOR. IF THE PARTIES CANNOT AGREE ON AN ARBITRATOR, THE CONTRACTING OFFICER AND THE PRESIDENT OF THE CONTRACTOR'S COMPANY WILL STRIKE ONE (1) NAME FROM THE LIST ALTERNATIVELY UNTIL ONE NAME REMAINS. THE REMAINING PERSON SHALL BE THE DULY SELECTED ARBITRATOR.

THE COSTS OF THE ARBITRATION, INCLUDING THE ARBITRATOR'S FEE AND EXPENSES, COURT REPORTER, COURTROOM OR SITE SELECTED ETC., SHALL BE BORNE EQUALLY BETWEEN THE PARTIES. EITHER PARTY DESIRING A COPY OF THE TRANSCRIPT SHALL PAY FOR THE TRANSCRIPT. A HEARING WILL BE HELD AS SOON AS THE PARTIES CAN MUTUALLY AGREE. A WRITTEN ARBITRATOR'S DECISION WILL BE REQUESTED NOT LATER THAN 30 DAYS FOLLOWING THE HEARING. THE DECISION OF THE ARBITRATOR WILL NOT BE BINDING; HOWEVER, IT WILL BE ADMISSIBLE IN ANY SUBSEQUENT APPEAL UNDER THE CONTRACT DISPUTES ACT. A FRAMED COPY OF THIS WARRANTY SHALL BE POSTED IN THE MECHANICAL ROOM OR OTHER APPROVED LOCATION DURING THE ENTIRE WARRANTY PERIOD.

...AM#3

-- End of Section --